

INDEX OF PATENTS

RELATING TO

ELECTRICITY,

EMBRACING PATENTS ISSUED BY

THE UNITED STATES PATENT OFFICE

FROM JULY 1, 1895, TO JUNE 30, 1896.

APPENDIX No. XV.

COMPILED UNDER THE DIRECTION OF THE COMMISSIONER OF PATENTS.

282524

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1897.

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WASHINGTON:
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APPENDIX No. XV.

PART I.

CONSISTING OF A

SUB-CLASS INDEX OF ALL PATENTS

RELATING TO

ELECTRICITY.

Issued from July 1, 1895, to June 30, 1896, inclusive, giving names of inventors,
and dates and numbers of patents in each sub-class in
numerical and chronological order.

CLASSIFIED INDEX

OF

PATENTS RELATING TO ELECTRICITY

FROM JULY 1, 1895, TO JUNE 30, 1896.

173. CONDUCTORS.—13. CONDUCTORS.

No.	NAME.	DATE.	No.	NAME.	DATE.
541,921	Downes, L. W -----	July 2, 1895	544,531	Hallenger, T. N -----	Aug. 13, 1895
543,917	Beswick, J. T -----	Aug. 6, 1895	548,297	Crockett, W. P -----	Oct. 22, 1895
544,372	Patterson, W. R -----	Aug. 13, 1895	549,416	Wilson, F. W -----	Nov. 5, 1895
544,419	Rodriguez and Rockwell ---	Aug. 13, 1895	551,504	Leonard, S. C -----	Dec. 17, 1895
544,530	Hallenger, T. N -----	Aug. 13, 1895	553,194	Lewis, R. H -----	Jan. 14, 1896

173. CONDUCTORS.—70. CONDUCTORS—UNDERGROUND.

543,613	Cummings, J. F -----	July 30, 1895	550,255	Custodis, A -----	Nov. 26, 1895
544,747	Ransome, E. L -----	Aug. 20, 1895	552,059	Greenfield, E. T -----	Dec. 24, 1895
547,078	Johnson, W. S -----	Oct. 1, 1895	552,060	Greenfield, E. T -----	Dec. 24, 1895
548,660	Rnete, W. T -----	Oct. 29, 1895	559,701	Grazier, J -----	May 5, 1896
549,995	Cummings, J. F -----	Nov. 19, 1895	562,808	Davis and Crompton -----	June 30, 1896

173. CONDUCTORS.—14. CONNECTORS.

541,838	Cunningham, P -----	July 2, 1895	556,046	Daniels, F. H -----	Mar. 10, 1896
541,998	Gartner, A -----	July 2, 1895	556,362	McGill, J. J -----	Mar. 17, 1896
544,369	McBerty, F. R -----	Aug. 13, 1895	556,967	Fielding, P. H -----	Mar. 24, 1896
545,533	Wheeler, E. S -----	Sept. 3, 1895	557,037	Toquet, B. L -----	Mar. 24, 1896
545,569	Baldwin, R. A -----	Sept. 10, 1895	557,139	Moore, C. E -----	Mar. 31, 1896
546,471	Neher, J. E -----	Sept. 17, 1895	557,174	Turner, E. A -----	Mar. 31, 1896
550,096	Carey, A. C -----	Nov. 19, 1895	557,690	McIntire, C. H -----	Apr. 7, 1896
550,941	Carlson, A. G -----	Dec. 10, 1895	558,016	Ford and Jens -----	Apr. 7, 1896
551,021	Wiggin, W. H -----	Dec. 10, 1895	558,971	Marsh, J. W -----	Apr. 28, 1896
551,166	Kelsch, R. S -----	Dec. 10, 1895	559,168	Evans, D. E -----	Apr. 28, 1896
552,338	Thélin, V -----	Dec. 31, 1895	560,455	Wyman and Daniels -----	May 19, 1896
552,477	Jones, B. J -----	Dec. 31, 1895	560,828	Wunderle, P -----	May 26, 1896
552,479	Kendall, M. K -----	Dec. 31, 1895	561,388	Gartner, A -----	June 2, 1896
553,099	Brown, W -----	Jan. 14, 1896	561,438	Robertson, D. M -----	June 2, 1896
554,716	McEvoy, C. H -----	Feb. 18, 1896	561,698	Cook, L -----	June 9, 1896
554,859	Brown, R. C -----	Feb. 18, 1896	561,951	Grutting, T -----	June 9, 1896
554,949	Nikoloff, S -----	Feb. 18, 1896	562,055	Wellman, H. P -----	June 16, 1896
555,846	Bournonville and Zimmele --	Mar. 3, 1896	562,107	Wiggins, W. H -----	June 16, 1896

173. CONDUCTORS.—243. HOUSE WIRING.

542,924	Case, C. F -----	July 16, 1895	557,830	Kinney, J. M -----	Apr. 7, 1896
554,631	Fuller and Kinney -----	Feb. 11, 1896	562,633	Maillox, C. O -----	June 23, 1896

173. CONDUCTORS.—28. INSULATORS.

544,501	Buffington, E. W -----	Aug. 13, 1895	546,383	Gerstenhauer, G -----	Sept. 17, 1895
544,778	Sproat and Farr -----	Aug. 20, 1895	546,579	Clouth, F -----	Sept. 17, 1895
544,959	Collins and Foley -----	Aug. 20, 1895	546,585	Dibb and Vickers -----	Sept. 17, 1895
545,620	Wood, M. M -----	Sept. 3, 1895	547,660	Carroll, C. F -----	Oct. 8, 1895
545,819	Rothenberger, D. M -----	Sept. 3, 1895	548,669	Stephen, C. W -----	Oct. 29, 1895

173. CONDUCTORS.—28. INSULATORS—Continued.

No.	NAME.	DATE.	No.	NAME.	DATE.
549,443	Collins, J. -----	Nov. 5, 1895	557,600	Peterson, C. A. -----	Apr. 7, 1896
550,673	Beron, F. G. -----	Dec. 3, 1895	557,881	Rapleye, H. W. -----	Apr. 7, 1896
551,032	Hemphill, J. R. -----	Dec. 10, 1895	558,165	Evans, F. B. -----	Apr. 14, 1896
552,501	Suively, C. H. -----	Dec. 31, 1895	558,509	Middleton, G. -----	Apr. 21, 1896
554,664	Eckert, T. T. -----	Feb. 18, 1896	558,758	Beardsley, L. S. -----	Apr. 21, 1896
554,723	Peloubet, E. -----	Feb. 18, 1896	562,166	Blankinsop and Brown -----	June 16, 1896
554,955	Riera, M. -----	Feb. 18, 1896	562,528	Hakanson, L. M. -----	June 23, 1896
555,922	Brady, T. H. -----	Mar. 10, 1896			

173. CONDUCTORS.—31. LIGHTNING RODS.

556,984	Hum, E. K. -----	Mar. 17, 1896
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173. CONDUCTORS.—43. RHEOSTATS.

544,047	Meissner, W. O. -----	Aug. 6, 1895	555,895	Carpenter, C. E. -----	Mar. 3, 1896
544,278	Badt, F. B. -----	Aug. 13, 1895	557,386	Heath, H. E. -----	Mar. 31, 1896
548,448	Lane and Clintoek -----	Oct. 22, 1895	558,252	Ball, J. P. -----	Apr. 14, 1896
548,867	Davis, H. P. -----	Oct. 29, 1895	558,362	Doane, F. H. -----	Apr. 14, 1896
549,456	Meyer, G. G. H. -----	Nov. 5, 1895	558,559	Leonard, H. W. -----	Apr. 21, 1896
549,470	Werline, H. E. -----	Nov. 5, 1895	559,349	Andrews, W. S. -----	May 5, 1896
552,495	Mayrhofer, J. C. -----	Dec. 31, 1895	559,685	Davis, H. P. -----	May 5, 1896
553,538	Morgan, W. H. -----	Jan. 28, 1896	560,340	Buehel, J. -----	May 19, 1896
553,911	Hendricks, A. B. -----	Feb. 4, 1896	560,528	Leonard, H. W. -----	May 19, 1896

191. ELECTRIC RAILWAYS.—17. COLLAPSIBLE-TUBE CONDUCTORS.

553,635	Anspack, N. H. -----	Jan. 28, 1896	554,104	Allen, W. P. -----	Feb. 4, 1896
554,102	Allen, W. P. -----	Feb. 4, 1896	554,450	Merkle, W. S. -----	Feb. 11, 1896
554,103	Allen, W. P. -----	Feb. 4, 1896			

191. ELECTRIC RAILWAYS.—1. CONDUCTOR SUPPORTS AND INSULATORS.

541,969	Haensgen, F. W. -----	July 2, 1895	546,494	O'Brien, T. -----	Sept. 17, 1895
542,228	Ball and Lieb -----	July 9, 1895	546,837	Bulkley, J. N. -----	Sept. 24, 1895
545,151	Cicott, Beleher and Billings -----	Aug. 27, 1895	547,931	Meaker, J. W. -----	Oct. 15, 1895
545,187	Belcher, W. J. -----	Aug. 27, 1895	553,858	Lieb, C. A. -----	Feb. 4, 1896
545,806	Meaker, J. W. -----	Sept. 3, 1895	556,876	Beach, R. H. -----	Mar. 24, 1896
546,407	Pfouts, L. S. -----	Sept. 17, 1895	557,860	McCallum, W. A. -----	Apr. 7, 1896

191. ELECTRIC RAILWAYS.—2. ELECTRIC LOCOMOTIVES.

542,036	Adams, T. E. -----	July 2, 1895	550,344	Heilmann, J. J. -----	Nov. 26, 1895
545,404	Dierdorff, H. B. -----	Aug. 27, 1895	551,664	Baker and McLain -----	Dec. 17, 1895
546,191	Rice, E. W., jr. -----	Sept. 10, 1895	551,996	Oney, R. T. -----	Dec. 24, 1895
546,560	Short, S. H. -----	Sept. 17, 1895	553,022	Warfield, L. -----	Jan. 14, 1896
547,068	Gaither and Gaither -----	Oct. 1, 1895	554,353	Nebelacker, C. F. -----	Feb. 11, 1896
547,323	Boggs and Cleaver -----	Oct. 1, 1895	556,654	Adams, T. E. -----	Mar. 17, 1896
549,485	Badt, F. B. -----	Nov. 12, 1895	556,893	Lundquist, E. -----	Mar. 24, 1896
550,008	Washburn, G. A. -----	Nov. 19, 1895	558,491	Harris, S. -----	Apr. 21, 1896
550,220	Eickemeyer, R. -----	Nov. 19, 1895	560,375	Sperry, E. A. -----	May 19, 1896

191. ELECTRIC RAILWAYS.—25. ELECTRIC LOCOMOTIVES—ELECTRIC CONTROL.

543,435	Bonta, A. K. -----	July 23, 1895	562,925	Seymour, H. A. -----	June 30, 1896
551,587	Hunter, R. M. -----	Dec. 17, 1895			

191. ELECTRIC RAILWAYS.—29. ELECTRIC LOCOMOTIVES—PIVOTED MOTORS.

No.	NAME.	DATE.	No.	NAME.	DATE.
548,371	Knight, W. H -----	Oct. 22, 1895	557,049	Breed, E. S -----	Mar. 24, 1896
552,347	Card, G. F -----	Dec. 31, 1895	562,502	Storey, I. E -----	June 23, 1896
556,488	Bassett, N. C -----	Mar. 17, 1896			

191. ELECTRIC RAILWAYS.—15. GENERAL.

548,504	Beach and Kern -----	Oct. 22, 1895	555,509	Hunter, R. M -----	Mar. 3, 1896
555,252	Le Sneur, E. A -----	Feb. 25, 1896			

191. ELECTRIC RAILWAYS. 24. MOTOR PART ALONG THE TRACK.

546,691	Woods, C. E -----	Sept. 24, 1895	561,898	Leffler, P. W -----	June 9, 1896
559,572	Stern, P. K -----	May 12, 1896	561,899	Leffler, P. W -----	June 9, 1896

191. ELECTRIC RAILWAYS.—18. SECTIONAL CONDUCTORS—CONNECTED.

546,059	Schlesinger, W. M -----	Sept. 10, 1895	555,783	Melotte, G. H -----	Mar. 3, 1896
553,176	O'Connor, T. F -----	Jan. 14, 1896	558,284	Krotz, A. S -----	Apr. 14, 1896
553,264	Schlesinger, W. M -----	Jan. 21, 1896			

191. ELECTRIC RAILWAYS.—19. SECTIONAL CONDUCTORS—MAGNETIC CLOSERS.

542,105	Pressley, L. C -----	July 2, 1895	553,736	Page, J. F -----	Jan. 28, 1896
542,512	Wilson, R. B -----	July 9, 1895	553,952	Casazza, A -----	Feb. 4, 1896
544,209	Claret and Williams -----	Aug. 6, 1895	553,979	Esmond, F. C -----	Feb. 4, 1896
544,862	McLanghlin, J. F -----	Aug. 20, 1895	553,980	Esmond, F. C -----	Feb. 4, 1896
544,863	McLaughlin, J. F -----	Aug. 20, 1895	553,981	Esmond, F. C -----	Feb. 4, 1896
546,005	Dion, L. -----	Sept. 10, 1895	555,470	Baker, W. H -----	Feb. 25, 1896
546,130	Deal, J. M -----	Sept. 10, 1895	558,151	Brown, W. M -----	Apr. 14, 1896
546,546	Montgomery, H. M -----	Sept. 17, 1895	558,283	Krotz and Allen -----	Apr. 14, 1896
548,627	Chabeauet, E. -----	Oct. 29, 1895	560,031	Guest, J. H -----	May 12, 1896
549,580	Osborn, R. E -----	Nov. 12, 1895	560,452	Westinghouse, G., jr -----	May 19, 1896
551,145	Rosenholz, A. -----	Dec. 10, 1895	560,471	Chapman, W. -----	May 19, 1896
551,334	Lundell, R. -----	Dec. 10, 1895	560,472	Chapman and Davis -----	May 19, 1896
551,534	Esmond, F. C -----	Dec. 17, 1895	560,473	Chapman, W. -----	May 19, 1896
551,535	Esmond, F. C -----	Dec. 17, 1895	560,513	Lundell, R. -----	May 19, 1896
551,536	Esmond, F. C -----	Dec. 17, 1895	560,551	Therrell, D. Mac L. -----	May 19, 1896
551,537	Esmond, F. C -----	Dec. 17, 1895	560,721	Johnson and Lundell -----	May 26, 1896
551,734	Nesom, T. -----	Dec. 17, 1895	560,988	Halpin, N. J -----	May 26, 1896
552,001	Rast, A. -----	Dec. 24, 1895	562,890	Ford, B. -----	June 30, 1896
552,451	Smith, M. H. -----	Dec. 31, 1895			

191. ELECTRIC RAILWAYS.—21. SECTIONAL CONDUCTORS—MECHANICAL CLOSERS.

543,130	Ginochio and Bridger -----	July 23, 1895	555,266	Schwieger, C. T. H -----	Feb. 25, 1896
544,253	Capps, F. L -----	Aug. 13, 1895	555,487	Anderson, C. -----	Mar. 3, 1896
545,070	Graham and Allen -----	Aug. 27, 1895	555,488	Anderson, C. -----	Mar. 3, 1896
546,232	Hitchcock, W. R -----	Sept. 10, 1895	555,800	Reitzel, A. J -----	Mar. 3, 1896
547,304	Tolmie, G. -----	Oct. 1, 1895	555,937	Euholm, O. A -----	Mar. 10, 1896
548,032	Brown, H. V -----	Oct. 15, 1895	556,210	Reagan, H. C -----	Mar. 10, 1896
548,070	La Burt, J. -----	Oct. 15, 1895	556,516	Osborn, B. E -----	Mar. 17, 1896
547,733	Hartman, J. -----	Oct. 15, 1895	557,657	Elliott, W. R -----	Apr. 7, 1896
547,784	Hartman, J. -----	Oct. 15, 1895	557,784	Edelen, W. R -----	Apr. 7, 1896
548,514	Brnk, H. C -----	Oct. 22, 1895	557,960	Brintnell, A. H -----	Apr. 7, 1896
548,976	Flynn, M. F -----	Oct. 29, 1895	558,322	Steudebach, C. F. P -----	Apr. 14, 1896
552,604	Brandenberg, H. -----	Jan. 7, 1896	559,105	Munson, J. H -----	Apr. 28, 1896
552,755	Gaines, C. A -----	Jan. 7, 1896	559,357	Brandenburg, H. -----	May 5, 1896
553,529	Jackson, J. -----	Jan. 28, 1896	562,453	Brandenburg, H. -----	June 23, 1896
555,208	Bridges, C. M -----	Feb. 25, 1896	562,796	Brandenburg, H. -----	June 30, 1896

191. ELECTRIC RAILWAYS.—3. SYSTEMS.

No.	NAME.	DATE.	No.	NAME.	DATE.
546,389	Peterson, H. A. F.-----				Sept. 17, 1895

191. ELECTRIC RAILWAYS.—4. SYSTEMS—BATTERY.

544,430	Froggatt, T.-----	Aug. 13, 1895	552,271	Bolton, O.-----	Dec. 31, 1895
547,441	Libbey, H. W.-----	Oct. 8, 1895			

191. ELECTRIC RAILWAYS.—8. SYSTEMS—CIRCUITS, SERIES.

547,914	Finn, O. B.-----				Oct. 15, 1895
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191. ELECTRIC RAILWAYS.—6. SYSTEMS—CLOSED CONDUIT.

542,164	Lavalle and Lavalle.-----	July 2, 1895	550,965	Griffen, J. S.-----	Dec. 10, 1895
550,057	Peterson, H. A. F.-----	Nov. 19, 1895	556,311	Esmond, E. R.-----	Mar. 10, 1896
550,102	Hamilton, C. J.-----	Nov. 19, 1895	559,356	Brandenburg, H.-----	May 5, 1896
550,319	Dialto, A.-----	Nov. 26, 1895	560,678	Brandenburg, H.-----	May 26, 1896

191. ELECTRIC RAILWAYS.—5. SYSTEMS—CONDUIT.

542,434	Buins, L.-----	July 9, 1895	555,959	Law, M. D.-----	Mar. 10, 1896
543,867	Heysinger, I. W.-----	Aug. 6, 1895	556,321	Burton, G. D.-----	Mar. 10, 1896
544,056	Thomas and Thomas.-----	Aug. 6, 1895	556,322	Burton, G. D.-----	Mar. 10, 1896
544,198	Taylor, F.-----	Aug. 6, 1895	556,602	Westinghouse, G.-----	Mar. 17, 1896
544,306	Jnst, P. C.-----	Aug. 13, 1895	556,971	Hanson and Chapman.-----	Mar. 24, 1896
544,312	Law, M. D.-----	Aug. 13, 1895	557,258	Delany, P. B.-----	Mar. 31, 1896
544,313	Love, J. C.-----	Aug. 13, 1895	558,110	Reed, L. W.-----	Apr. 14, 1896
544,396	Thomson, E.-----	Aug. 13, 1895	559,586	Krotz and Allen.-----	May 5, 1896
545,204	Johnson, C. H.-----	Aug. 27, 1895	560,807	Lobach, W.-----	May 26, 1896
545,208	Moore, E. E.-----	Aug. 27, 1895	560,841	Connett, A. N.-----	May 26, 1896
546,143	Fry, H. A.-----	Sept. 10, 1895	560,894	Connett and Detrich.-----	May 26, 1896
548,481	Uren, R.-----	Oct. 22, 1895	561,307	Brandenburg, H.-----	June 2, 1896
548,786	Nichols and Lincoln.-----	Oct. 29, 1895	561,821	Schlesinger, W. M.-----	June 9, 1896
549,652	Parker, J. E.-----	Nov. 12, 1895	561,830	Stanley, C. E.-----	June 9, 1896
549,920	Hubbs, C. E.-----	Nov. 19, 1895	562,483	Phillips, S. L.-----	June 23, 1896
550,437	Brooks, D., jr.-----	Nov. 26, 1895	563,244	Keithly, W. C.-----	June 30, 1896
553,552	Beck, A.-----	Jan. 28, 1896	562,484	Phillips, S. L.-----	June 23, 1896
553,799	Wood, M. L.-----	Jan. 28, 1896	562,894	Hanshue, W. E.-----	June 30, 1896
554,719	Oesterlein, W.-----	Feb. 18, 1896	562,494	Seymour, H. A.-----	June 23, 1896
555,958	Law, M. D.-----	Mar. 10, 1896			

191. ELECTRIC RAILWAYS.—9. SYSTEMS—CONVERTERS.

544,037	Harper, T.-----	Aug. 6, 1895	558,238	Tyler, H. L.-----	Apr. 14, 1896
554,962	Shuttleworth, A. C.-----	Feb. 18, 1896	562,216	Coerper, C.-----	June 16, 1896
556,320	Boynton, E. M.-----	Mar. 10, 1896			

191. ELECTRIC RAILWAYS.—16. SYSTEMS—DISTRIBUTION.

543,382	Henry, J. C.-----	July 23, 1895	548,389	Porter, W. B.-----	Oct. 22, 1895
543,158	Henry, J. C.-----	Aug. 27, 1895	548,511	Boucherot, P.-----	Oct. 22, 1895
547,043	Still, W. J.-----	Oct. 1, 1895	548,789	Searles, A. L.-----	Oct. 29, 1895
547,873	Brinckerhoff, H. M.-----	Oct. 15, 1895	556,865	Rice, E. W.-----	Mar. 24, 1896
548,217	Neher, J. E.-----	Oct. 22, 1895	558,033	Brinckerhoff, H. M.-----	Apr. 14, 1896
548,266	New, Mayne and Lucas.-----	Oct. 22, 1895	560,265	Henry, J. C.-----	May 19, 1896
548,388	Porter, W. B.-----	Oct. 22, 1895			

191. ELECTRIC RAILWAYS.—11. SYSTEMS—OVERHEAD.

550,465	Westinghouse, G.-----	Nov. 26, 1895	550,683	Kinney, J. C.-----	Dec. 3, 1895
550,458	Richter, E. L.-----	Nov. 26, 1895	555,145	Williams, P. A.-----	Feb. 25, 1896

191. ELECTRIC RAILWAYS.—11. SYSTEMS—OVERHEAD—Continued.

No.	NAME.	DATE.	No.	NAME.	DATE.
557,827	Kennedy, J. M. -----	Apr. 7, 1896	560,098	Keithley, H. R. -----	May 12, 1896
558,303	Osyor, D. N. -----	Apr. 14, 1896	561,128	Rangey and Plainte -----	June 2, 1896
558,429	Skeen, R. -----	Apr. 14, 1896	561,168	Kelsey, F. N. -----	June 2, 1896
559,175	Hunter, R. M. -----	Apr. 28, 1896	561,991	Holland and Glazier -----	June 16, 1896
560,097	Keithley, H. R. -----	May 12, 1896	562,356	Cushman, S. D. -----	June 16, 1896

191. ELECTRIC RAILWAYS.—11. SYSTEMS—OVERHEAD, TROLLEY.

542,002	McDonald, W. D. -----	July 2, 1895	553,410	Kamp, W. -----	Jan. 21, 1896
542,591	Lynde, C. C. -----	July 9, 1895	552,631	Dale, B. -----	Jan. 7, 1896
543,042	Mitchell, C. -----	July 23, 1895	553,927	Muslar, N. -----	Feb. 4, 1896
543,271	Seelye, L. C. -----	July 23, 1895	554,350	Stimpson, L. L. -----	Feb. 11, 1896
543,529	Hooper, G. W. -----	July 30, 1895	554,571	Blazan, J. H. -----	Feb. 11, 1896
544,157	Conway, J. -----	Aug. 6, 1895	554,694	Homer, F. E. -----	Feb. 18, 1896
544,677	Maag, G. -----	Aug. 20, 1895	555,263	Reichel, E. B. W. -----	Feb. 25, 1896
544,774	Seranton, J. B. -----	Aug. 20, 1895	555,571	Finson, C. H. -----	Mar. 3, 1896
544,794	Riess, F. W. -----	Aug. 20, 1895	555,674	Carr, W. H. -----	Mar. 3, 1896
545,008	Biddell, G. W. -----	Aug. 20, 1895	556,864	Reichel, E. B. -----	Mar. 24, 1896
545,073	Hanson, J. L. -----	Aug. 27, 1895	556,941	Smith, F. L. -----	Mar. 24, 1896
545,358	Gray and Doescher -----	Aug. 27, 1895	557,008	Mitchell, G. R. -----	Mar. 24, 1896
545,393	Tresler, J. R. -----	Aug. 27, 1895	557,015	O'Shaughnessy and Crosby -----	Mar. 24, 1896
545,520	Moody, Shawd and Baker -----	Sept. 3, 1895	557,114	Davis, N. H. -----	Mar. 31, 1896
545,649	Hildebrandt, H. F. -----	Sept. 3, 1895	557,442	Seymour, H. A. -----	Mar. 31, 1896
545,686	Furbish, Z. T. -----	Sept. 3, 1895	558,741	Rabbitt, J. H. -----	Apr. 21, 1896
546,303	Crommer, R. -----	Sept. 17, 1895	558,868	Wellman, H. P. -----	Apr. 21, 1896
547,031	Reichel, E. B. W. -----	Oct. 1, 1895	558,869	Wellman, H. P. -----	Apr. 21, 1896
547,283	Pepper, W. L. -----	Oct. 1, 1895	558,870	Wellman, H. P. -----	Apr. 21, 1896
548,074	Lord, C. A. -----	Oct. 15, 1895	559,275	Foster, J. L. -----	Apr. 28, 1896
549,091	Hess, J. -----	Oct. 29, 1895	559,461	McKenna, J. -----	May 5, 1896
548,997	Kennedy, J. M. -----	Oct. 29, 1895	562,132	Graf, M. T. -----	June 16, 1896
550,059	Pribyl, F. J. -----	Nov. 19, 1895	562,523	Gray, H. A. -----	June 23, 1896
549,655	Philipsborn, C. A. -----	Nov. 12, 1895	562,591	Dowling, P. J. -----	June 23, 1896
551,168	Tippey, Finfrock, Rinehart, and Francis. -----	Dec. 10, 1895	562,904	Metzger, I. B. -----	June 30, 1896
551,169	Tippey, Finfrock, Rinehart, and Francis. -----	Dec. 10, 1895	562,972	Powell, C. E. -----	June 30, 1896

191. ELECTRIC RAILWAYS.—23. SYSTEMS—TROLLEY-OPERATED, TRACK SWITCHES.

550,132	Peterson, H. A. F. -----	Nov. 19, 1895	559,796	Goetz, A. C. -----	May 12, 1896
550,568	Cheatham, R. V. -----	Dec. 3, 1895	559,800	Henry, W. C. -----	May 12, 1896
554,868	Harriman, F. H. -----	Feb. 18, 1896			

191. ELECTRIC RAILWAYS.—22. TELEPHER AND TOWING.

543,357	Sherman, R. E. -----	July 23, 1895	559,342	Place, J. F. -----	Apr. 28, 1896
549,522	Milligan, T. P. -----	Nov. 12, 1895	560,917	McGurty, J. H. -----	May 26, 1896

171. GENERATION.—73. BATTERIES—THERMAL.

546,417	Cox, H. B. -----	Sept. 17, 1895	561,657	Cox, H. B. -----	June 9, 1896
548,038	Cox, H. B. -----	Oct. 15, 1895			

171. GENERATION.—23. FRICTION-GENERATORS.

560,552	Hollopeter, C. M. -----				May 26, 1896
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171. GENERATION.—95. GALVANOMETERS.

542,258	Holden, F. -----	July 9, 1895	551,982	Mershon, R. D. -----	Dec. 24, 1895
542,663	Thomson, E. -----	July 16, 1895	554,321	Thomson, E. -----	Feb. 11, 1896
544,332	Warner, E. P. -----	Aug. 13, 1895	555,286	Alteneck and Gorges -----	Feb. 25, 1896
544,365	Mershon, R. D. -----	Aug. 13, 1895	555,702	Hoyt, A. H. -----	Mar. 3, 1896

171. GENERATION.—95. GALVANOMETERS—Continued.

No.	NAME.	DATE.	No.	NAME.	DATE.
545,282	Görges, J. H. F. -----	Aug. 27, 1895	559,134	Hollopeter, C. M. -----	Apr. 28, 1896
546,502	Aryton and Mather -----	Sept. 24, 1895	560,379	Thomson, E. -----	May 19, 1896
549,919	Howell, J. W. -----	Nov. 19, 1895	561,918	Rowland, H. A. -----	June 9, 1896
550,682	Holden, F. -----	Dec. 3, 1895	561,919	Rowland, H. A. -----	June 9, 1896
550,841	Parker, H. C. -----	Dec. 3, 1895	561,977	Duncan, T. -----	June 16, 1896

171. GENERATION.—122. INDUCTORIUMS—INDUCTION COILS.

543,003	Etter, J. F. -----	July 23, 1895	556,617	Carter, W. -----	Mar. 17, 1896
544,266	Fatham, J. -----	Aug. 6, 1895	556,708	Unger, J. E. -----	Mar. 17, 1896
550,688	Palmleaf, C. -----	Dec. 3, 1895			

171. GENERATION.—124. INDUCTORIUMS—TRANSFORMERS, STATIONARY.

542,295	Thomson, E. -----	July 9, 1895	553,847	Freeman, W. K. -----	Feb. 4, 1896
543,346	Mosher, J. A. -----	July 23, 1895	555,074	Carter, W. -----	Feb. 25, 1896
545,670	Brittin, W. F. -----	Sept. 3, 1895	558,090	Moody, W. S. -----	Apr. 14, 1896
546,476	Scott, C. F. -----	Sept. 17, 1895	561,867	Cooley, W. H. -----	June 9, 1896

171. GENERATION.—206. MAGNETO-ELECTRIC—ARMATURES, DRUM.

543,895	Sayers, W. B. -----	Aug. 6, 1895	558,027	Batchelder, A. F. -----	Apr. 14, 1896
549,234	Decker, W. -----	Nov. 5, 1895	559,692	Fiske and Littlefield -----	May 5, 1896
550,692	Reist, H. G. -----	Dec. 3, 1895	561,590	Ide, F. P. -----	June 9, 1896
555,216	Knight, W. H. -----	Feb. 25, 1896			

171. GENERATION.—208. MAGNETO-ELECTRIC—ARMATURES, RING.

544,417	Pyott, L. T. -----	Aug. 13, 1895	555,628	Wells, G. A. -----	Mar. 3, 1896
546,996	Chitty, H. -----	Oct. 1, 1895	557,869	Packard, G. F. -----	Apr. 7, 1896
550,468	Westinghouse, G. -----	Nov. 26, 1895	558,539	Waterhouse, A. G. -----	Apr. 21, 1896
553,557	Gardner, R. M. -----	Jan. 28, 1896	559,910	Reist, H. G. -----	May 12, 1896

171. GENERATION.—209. MAGNETO-ELECTRIC—BIPOLAR.

541,554	Hicks, T. H. -----	July 2, 1895	554,670	Freeman, W. K. -----	Feb. 18, 1896
543,021	Hooker, T. -----	July 23, 1895	556,891	Lamue, B. G. -----	Mar. 24, 1896
543,883	Hicks, T. H. -----	July 23, 1895	560,328	Schorch, R. -----	May 19, 1896
545,554	Thomas, E. -----	Sept. 3, 1895	561,390	Gravier, A. I. -----	June 2, 1896
550,464	Thomson and Wightman -----	Nov. 26, 1895	562,864	Storer, N. W. -----	June 30, 1896
550,663	Thomas, W. M. -----	Dec. 3, 1895			

171. GENERATION.—210. MAGNETO-ELECTRIC—BRUSHES AND HOLDERS.

541,919	Collins, H. B. -----	July 2, 1895	551,856	Dusenbery, C. C. -----	Dec. 24, 1895
544,358	Junker, G. J. -----	Aug. 13, 1895	554,369	Loomis, O. P. -----	Feb. 11, 1896
544,844	Churchward, A. J. -----	Aug. 20, 1895	555,381	Kreinberg, F. M. -----	Feb. 25, 1896
545,347	Coffin, C. L. -----	Aug. 27, 1895	556,176	Chaplin and Chaplin -----	Mar. 10, 1896
549,502	Dickson and Shapcott -----	Nov. 12, 1895	557,678	Hirsch, R. -----	Apr. 7, 1896
549,663	White, G. H. -----	Nov. 12, 1895	558,184	Knowlton, W. E. -----	Apr. 14, 1896
550,252	Cross, N. M. -----	Nov. 26, 1895	556,870	Soar and Collier -----	Mar. 24, 1896
551,033	Hirsch and Meninger -----	Dec. 10, 1895			

171. GENERATION.—211. MAGNETO-ELECTRIC—COMMUTATORS AND COLLECTORS.

544,329	Wait, H. H. -----	Aug. 13, 1895	554,063	Henry, J. C. -----	Feb. 4, 1896
550,407	Dice, J. -----	Nov. 26, 1895	557,218	Oehring and Wait -----	Mar. 31, 1896
550,703	White, H. P. -----	Dec. 3, 1895	558,120	Thomson and Goranson -----	Apr. 14, 1896
551,263	Davis, J. R. -----	Dec. 10, 1895	560,737	Morgan, W. H. -----	May 26, 1896

171. GENERATION.—118. MAGNETO-ELECTRIC—CONNECTING DEVICES.

No.	NAME.	DATE.	No.	NAME.	DATE.
554,270	Hewlett and Potter -----	Feb. 11, 1896	559,907	Potter, W. B -----	May 12, 1896
556,788	Verstraete, E -----	Mar. 24, 1896			

171. GENERATION.—252. MAGNETO-ELECTRIC—MULTIPOLAR.

548,406	Thomson, E. -----	Oct. 22, 1895	559,419	Steinmetz, C -----	May 5, 1896
548,684	Whichello, M -----	Oct. 29, 1895	559,531	Kelly, J. F -----	May 5, 1896
550,666	White, H. P -----	Dec. 3, 1895	559,538	Power, P. W -----	May 5, 1896
551,712	Blackford and Buchanan -----	Dec. 17, 1895	559,584	Kelley and Chesney -----	May 5, 1896
554,138	Negbauer and Feely -----	Feb. 4, 1896	560,006	Patin and Levasseur -----	May 12, 1896
555,544	Wells, G. A -----	Mar. 3, 1896	562,868	Warren and Warren -----	June 30, 1896
555,590	Thomson, E -----	Mar. 3, 1896	561,593	Lamme, B. G -----	June 9, 1896
555,550	Cushman, A. L -----	Mar. 3, 1896	562,179	German and Downing -----	June 16, 1896
555,963	Mordey, W. M -----	Mar. 10, 1896			

171. GENERATION.—212. MAGNETO-ELECTRIC—UNIFORM FIELD.

548,930	Sargent, C. E -----	Oct. 29, 1895	561,803	Mayer, F. G -----	June 9, 1896
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171. GENERATION.—34. METERS.

542,240	Cox, F. P -----	July 9, 1895	551,436	Duncan, T -----	Dec. 17, 1895
542,945	Rowland, H. A -----	July 16, 1895	552,309	Tucker and Hinckley -----	Dec. 31, 1895
543,089	Gutmann, L -----	July 23, 1895	552,540	McGrath and Oram -----	Jan. 7, 1896
543,865	Harris, J -----	Aug. 6, 1895	555,589	Telge, J. A. J -----	Mar. 3, 1896
546,917	Dejardin, J. A -----	Sept. 24, 1895	555,992	Wirt, C -----	Mar. 10, 1896
548,419	Barstow, W. S -----	Oct. 15, 1895	557,164	Steinmetz, C. P -----	Mar. 31, 1896
548,467	Scott, W. H -----	Oct. 22, 1895	558,585	Gibboney, J. W -----	Apr. 21, 1896
548,755	Hood, R. O -----	Oct. 29, 1895	560,087	Duncan, T -----	May 12, 1896
549,195	Hood, R. O -----	Nov. 5, 1895	561,183	Waterhouse, A. G -----	June 2, 1896
549,586	Hood, R. O -----	Nov. 12, 1895	561,711	Hood, R. O -----	June 9, 1896
550,823	Duncan, T -----	Dec. 3, 1895	562,680	Waterhouse, A. G -----	June 23, 1896

171. GENERATION.—119. REGULATORS—ALTERNATING.

542,968	Steinmetz and Armstrong ---	July 16, 1895	552,397	Scribner, C. E -----	Dec. 31, 1895
543,564	Stark, E. E -----	July 30, 1895	553,469	Hutin and Leblanc -----	Jan. 21, 1896
546,190	Rice, E. W., jr -----	Sept. 10, 1895	558,104	Potter, W. B -----	Apr. 14, 1896
548,400	Steinmetz, C. P -----	Oct. 22, 1895	559,187	Miller, K. B -----	Apr. 28, 1896
549,644	Ide, F. P -----	Nov. 12, 1895	562,062	Armstrong, A. H -----	June 16, 1896
550,354	Schmid and Lamme -----	Nov. 26, 1895			

171. GENERATION.—241. REGULATORS—ALTERNATING, COMPOUNDING.

555,152	Freeman, W. K -----	Feb. 25, 1896	560,735	Moody, W. S -----	May 26, 1896
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171. GENERATION.—242. REGULATORS—ALTERNATING, INDUCTIVE RESISTANCE.

548,230	Shallenberger, O. B -----				Oct. 22, 1895
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171. GENERATION.—221. REGULATORS—BRUSH ADJUSTMENT.

544,361	Loveridge, F. H -----	Aug. 13, 1895	559,585	Krotz, A. S -----	May 5, 1896
544,633	Warner, E. P -----	Aug. 13, 1895			

171. GENERATION.—224. REGULATORS—COMPOUNDING—MACHINES.

561,002	Keiholtz, P. O -----				May 26, 1896
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171. GENERATION.—223. REGULATORS—COMPOUND-WINDING.

No.	NAME.	DATE.	No.	NAME.	DATE.
542,487	Moskowitz, M.-----	July 9, 1895	555,191	Thomson, E.-----	Feb. 25, 1896

171. GENERATION.—225. REGULATORS—COUNTER-ELECTROMOTIVE FORCE.

544,289	Currie, S. C. C.-----	Aug. 13, 1895	560,035	Hunter, R. M.-----	May 12, 1896
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171. GENERATION.—226. REGULATORS—ENGINE-CONTROL.

542,640	Handy, W. W.-----	July 16, 1895	549,383	Moore, W. E.-----	Nov. 5, 1895
544,696	Smith, W. N.-----	Aug. 20, 1895	550,484	Colles, G. W., jr.-----	Nov. 26, 1895

171. GENERATION.—229. REGULATORS—RESISTANCE.

543,523	Fiske, J. P. B.-----	July 30, 1895	552,521	Field, S. D.-----	Jan. 7, 1896
543,524	Fiske, J. P. B.-----	July 30, 1895	556,342	Fay, T. J.-----	Mar. 17, 1896
546,062	Aiken, I. D.-----	Sept. 10, 1895	558,650	Kennedy, P.-----	Apr. 21, 1896
546,724	Wightman, M. J.-----	Sept. 24, 1895	560,216	Ihlder, J. D.-----	May 19, 1896
547,369	Brady, J.-----	Oct. 1, 1895	560,217	Ihlder, J. D.-----	May 19, 1896
548,829	Herdman, F. E.-----	Oct. 29, 1895	11,545	Whittingham, G. W.-(Reis.)--	May 26, 1896
552,094	Blades, H. H.-----	Dec. 31, 1895			

171. GENERATION.—230. REGULATORS—SECTIONAL WINDING.

551,371	Eickemeyer, R.-----				Dec. 17, 1895
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171. GENERATION.—97. REGULATORS—SYSTEMS OF DISTRIBUTION.

543,950	Thomson, E.-----	Aug. 6, 1895	554,508	Greene, W. J.-----	Feb. 11, 1896
544,094	Greene, W. J.-----	Aug. 6, 1895	557,398	Kitsee, I.-----	Mar. 31, 1896
545,405	Edison, T. A.-----	Aug. 27, 1895	558,983	Pollack, C.-----	Apr. 28, 1896
550,355	Shallenberger, O. B.-----	Nov. 26, 1895	559,530	Kelly, J. F.-----	May 5, 1896
550,782	Davis, C. M.-----	Dec. 3, 1895	559,913	Steinmetz, C. P.-----	May 12, 1896
551,781	Mullaney, T. F.-----	Dec. 24, 1895	561,735	Steinmetz, C. P.-----	June 9, 1896
552,260	Pollack, C.-----	Dec. 31, 1895			

174. MEDICAL AND SURGICAL.—87. BATHS.

542,471	Golden, W. E.-----				July 9, 1895
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174. MEDICAL AND SURGICAL.—88. BODY WEAR.

542,459	Beckwith, S. R.-----	July 9, 1895	561,975	Dow, A.-----	June 16, 1896
551,795	Spalding, S. J.-----	Dec. 24, 1895			

174. MEDICAL AND SURGICAL.—89. ELECTRODES.

542,508	Van Tnyl, A. P.-----	July 9, 1895	562,765	Horton, W. P., jr.-----	June 23, 1896
558,465	Bell, F. M.-----	Apr. 14, 1896	563,016	Collicott, E. S.-----	June 30, 1896

174. MEDICAL AND SURGICAL.—177. MEDICAL AND SURGICAL.

544,552	Wiles, J. E.-----	Aug. 13, 1895	552,832	Fort, J. A.-----	Jan. 7, 1896
551,880	Wilcox, T. B.-----	Dec. 24, 1895	561,046	Collier, S. J.-----	May 26, 1896

174. MEDICAL AND SURGICAL.—172. CHAIRS AND COUCHES.

561,448	Slater and Renstrom-----				June 2, 1896
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174. MEDICAL AND SURGICAL.—174. ELECTRIC SOLES.

No.	NAME.	DATE.	No.	NAME.	DATE.
556,161	Qnarrie, G.-----				Mar. 10, 1896

172. MOTIVE POWER.—15. DENTAL INSTRUMENTS.

549,464	Priestly, F. C.-----	Nov. 5, 1895	558,153	Browne, A. W.-----	Apr. 14, 1896
557,159	Skinner, P. R.-----	Mar. 31, 1896	560,315	Gilbert, J. W.-----	May 19, 1896

172. MOTIVE POWER.—152. ELEVATORS.

543,495	Mailloux, C. O.-----	July 30, 1895	551,820	Herdman, F. E.-----	Dec. 24, 1895
544,768	Lindstrom, N. O.-----	Aug. 20, 1895	555,979	Smith, H. R.-----	Mar. 10, 1896
544,780	Winters, J. C.-----	Aug. 20, 1895	556,435	Parkinson, J.-----	Mar. 17, 1896
550,044	Eickemeyer and Eickemeyer.	Nov. 19, 1895	556,866	Rice, E. W.-----	Mar. 24, 1896
551,757	Corey, F. B.-----	Dec. 24, 1895	561,828	Smith, H. R.-----	June 9, 1896

172. MOTIVE POWER.—36. MOTORS.

543,525	Fiske, J. P. B.-----	July 30, 1895	550,330	Rennerfelt, G.-----	Nov. 26, 1895
545,524	O'Neil, J.-----	Sept. 3, 1895	551,470	Mason, D.-----	Dec. 17, 1895
545,570	Bliss, H. H.-----	Sept. 3, 1895	551,567	Wightman and Urban.-----	Dec. 17, 1895
545,591	Kramer, O. E. H.-----	Sept. 3, 1895	552,961	Jackson and Conradson.-----	Jan. 14, 1896
545,592	Kramer, O. E. H.-----	Sept. 3, 1895	554,365	Guest, J. H.-----	Feb. 11, 1896
548,401	Steinmetz, C. P.-----	Oct. 22, 1895	557,384	Hassler, R. H.-----	Mar. 31, 1896
548,402	Steinmetz, C. P.-----	Oct. 22, 1895	557,714	Storey, I. E.-----	Apr. 7, 1896
550,042	Diehl, P.-----	Nov. 19, 1895	560,569	Brinsler, J. D.-----	May 19, 1896
550,329	Rennerfelt, G.-----	Nov. 26, 1895	560,652	Schmidt, F. M.-----	May 26, 1896

172. MOTIVE POWER.—120. MOTORS—ALTERNATING.

543,223	Trudeau, J. A. G.-----	July 23, 1895	551,863	Hutiu and Leblanc.-----	Dec. 24, 1895
544,261	Lundell, R.-----	Aug. 6, 1895	552,337	Smith, A.-----	Dec. 31, 1895
544,749	Remy, B. P.-----	Aug. 20, 1895	554,230	Berg, E. J.-----	Feb. 11, 1896
547,069	Görge, J. H. F.-----	Oct. 1, 1895	555,851	Cushman, A. L.-----	Mar. 3, 1896
549,876	Lundell, R.-----	Nov. 12, 1895			

172. MOTIVE POWER.—233. MOTORS—ALTERNATING—CONDENSERS.

543,907	Steinmetz, C. P.-----	Aug. 6, 1895	557,957	Bradley, C. S.-----	Apr. 7, 1896
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172. MOTIVE POWER.—235. MOTORS—ALTERNATING—ROTARY—FIELD.

555,190	Tesla, N.-----	Feb. 25, 1896	562,686	Wightman, M. J.-----	June 23, 1896
561,144	Trudeau, J. A. J.-----	June 2, 1896			

172. MOTIVE POWER.—236. MOTORS—ALTERNATING—STARTERS.

543,836	Arnold, E.-----	Aug. 6, 1895	558,239	Tyler, H. L.-----	Apr. 14, 1896
545,693	Hutin and Leblanc.-----	Sept. 3, 1895	559,380	Guttmann, L.-----	May 5, 1896
545,853	Du Bois, A. E.-----	Sept. 3, 1895	560,591	Lundell, R.-----	May 19, 1896
548,709	Hunting, F. S.-----	Oct. 29, 1895	561,699	Cooley, W. H.-----	June 9, 1896
551,810	Bradley, C. S.-----	Dec. 24, 1895	561,700	Cooley, W. H.-----	June 9, 1896
552,312	Brown, C. E. L.-----	Dec. 31, 1895	562,365	Arnold, E.-----	June 23, 1896
554,617	Cushman, A. L.-----	Feb. 11, 1896	562,366	Arnold, E.-----	June 23, 1896
555,899	Cushman, A. L.-----	Mar. 3, 1896			

172. MOTIVE POWER.—179. MOTORS—HAND-OPERATING DEVICES.

542,667	Wightman, M. J.-----	July 16, 1895	543,855	Denison, F. N.-----	Aug. 6, 1895
543,352	Potter, W. P.-----	July 23, 1895	543,963	Landers, C.-----	Aug. 6, 1895
543,670	Case, F. E.-----	July 30, 1895	544,118	Polk, W. R.-----	Aug. 6, 1895

172. MOTIVE POWER.—179. MOTORS—HAND-OPERATING DEVICES—Continued.

No	NAME.	DATE.	No.	NAME.	DATE.
544,236	Pohlman, W. J.-----	Aug. 6, 1895	555,291	Sperry, E. A.-----	Feb. 25, 1896
548,949	Card, G. F.-----	Oct. 29, 1895	555,503	Gibbs, L. T.-----	Mar. 3, 1896
549,153	Potter, W. B.-----	Nov. 5, 1895	556,408	Fay, T. J.-----	Mar. 17, 1896
549,597	Fiske, J. P. B.-----	Nov. 12, 1895	556,945	Thury, R.-----	Mar. 24, 1896
549,598	Fiske, J. P. B.-----	Nov. 12, 1895	556,862	Priest, E. D.-----	Mar. 24, 1896
549,608	Morgan, W. H.-----	Nov. 12, 1895	558,517	Pieper, O. H.-----	Apr. 21, 1896
549,621	Wightman and Urban-----	Nov. 12, 1895	558,518	Potter, W. B.-----	Apr. 21, 1896
550,481	Canet, J. B. G. A.-----	Nov. 26, 1895	560,428	Potter, W. B.-----	May 19, 1896
551,633	Herdman, F. E.-----	Dec. 17, 1895	560,658	Sperry, E. A.-----	May 26, 1896
551,634	Herdman, F. E.-----	Dec. 17, 1895	561,777	Essberger and Geyer-----	June 9, 1896
551,635	Herdman, F. E.-----	Dec. 17, 1895	561,838	Valley, G.-----	June 9, 1896
552,369	Hoffmann, E. W. G. C.-----	Dec. 31, 1895	561,839	Valley, G.-----	June 9, 1896
552,756	Gorm, H. A.-----	Jan. 7, 1896	562,100	Sperry, E. A.-----	June 16, 1896
553,819	Sautter and Savatier-----	Jan. 28, 1896	562,116	Bryant, E. A.-----	June 16, 1896
554,276	Knight and Darley-----	Feb. 11, 1896	562,501	Sperry, E. A.-----	June 23, 1896
554,307	Potter, W. B.-----	Feb. 11, 1896	562,745	Smith, R. C.-----	June 23, 1896
555,136	Warner, E. P.-----	Feb. 25, 1896			

172. MOTIVE POWER.—126. MOTORS—RECIPROCATING.

545,149	Carpenter, C. F.-----	Aug. 27, 1895	557,422	Onderdonk, T. W.-----	Mar. 31, 1896
546,442	Williams, F. H.-----	Sept. 17, 1895			

172. MOTIVE POWER.—8. STEERING AND PROPULSION.

549,636	Grimston and Dykes-----	Nov. 12, 1895	559,903	Pfätscher, M.-----	May 12, 1896
550,018	Dyer and Dyer-----	Nov. 19, 1895	559,904	Pfätscher, M.-----	May 12, 1896

172. MOTIVE POWER.—237. TRANSMISSION OF POWER—ALTERNATING.

546,002	Bradley, C. S.-----	Sept. 10, 1895	549,061	Dunn, G. S.-----	Oct. 29, 1895
546,756	Bradley, C. S.-----	Sept. 24, 1895	551,809	Bradley, C. S.-----	Dec. 24, 1895
546,901	Rickett, G. W.-----	Sept. 24, 1895	556,359	Mershon, R. D.-----	Mar. 17, 1896
546,966	Wightman, M. J.-----	Sept. 24, 1895	557,094	Hutin and Leblanc-----	Mar. 24, 1896
546,806	Berg, E. J.-----	Sept. 24, 1895	557,185	Burke, J.-----	Mar. 31, 1896
547,383	Rae, F. B.-----	Oct. 1, 1895	558,031	Berg, E. J.-----	Apr. 14, 1896
547,683	Rowland, H. A.-----	Oct. 8, 1895	558,119	Steinmetz and Berg-----	Apr. 14, 1896
548,231	Shallenberger, O. B.-----	Oct. 22, 1895	559,721	Lamme, B. G.-----	May 5, 1896
545,111	Thomson and Rice-----	Aug. 27, 1895	562,924	Scott, G. J.-----	June 30, 1896

172. MOTIVE POWER.—239. TRANSMISSION OF POWER—DIRECT.

545,042	Abankanowicz, B. A.-----	Aug. 27, 1895	547,834	Baldwin, W. D.-----	Oct. 15, 1895
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176. ELECTRIC LIGHTING.—80. CUT-OUTS—ELECTROMAGNETIC.

545,653	Hull, W. S.-----	Sept. 3, 1895	551,388	Joynes, A. L.-----	Dec. 17, 1895
547,230	Russell and Russell-----	Oct. 1, 1895	552,553	Sibley, J. T.-----	Jan. 7, 1896
548,968	Devine, J. H.-----	Oct. 29, 1895	558,687	Hincklife and Edes-----	Apr. 21, 1896
549,501	Depuy, A. B.-----	Nov. 12, 1895	559,280	Griffith, M. J.-----	Apr. 28, 1896
549,794	Hutchison, M. R.-----	Nov. 12, 1895	560,766	Van Vleck, J.-----	May 26, 1896
550,360	Wurts, A. J.-----	Nov. 26, 1895			

176. ELECTRIC LIGHTING.—190. CUT-OUTS—HANGERS.

544,436	Hutchins, A. E.-----	Aug. 13, 1895	555,634	Barrett, J. P.-----	Mar. 3, 1896
545,495	Hanford, M.-----	Sept. 3, 1895	556,823	Jewett, G. A.-----	Mar. 24, 1896
545,629	Hutchins, A. E.-----	Sept. 3, 1895	560,269	Leidgen, N.-----	May 19, 1896
553,061	Fletcher, T.-----	Jan. 14, 1896			

176. ELECTRIC LIGHTING.—79. CUT-OUTS—MECHANICAL.

No.	NAME.	DATE.	No.	NAME.	DATE.
544,781	Ready, T. H.-----	Aug. 20, 1895	550,638	McCulloch, A. H.-----	Dec. 3, 1895
546,233	Kritzer, C. C.-----	Sept. 10, 1895	551,170	Lucas, A. H.-----	Dec. 10, 1895
546,820	Linton, G. E.-----	Sept. 24, 1895	553,730	Fagan, J. C.-----	Jan. 28, 1896
546,821	Linton, G. E.-----	Sept. 24, 1895	556,264	Gabel, T. W.-----	Mar. 10, 1896
548,819	Ross, H.-----	Oct. 29, 1895	557,224	Perkins, C. G.-----	Mar. 31, 1896
549,237	Hart, G. W.-----	Nov. 5, 1895	562,658	Pratt, A. L.-----	June 23, 1896
550,411	Harper, T.-----	Nov. 26, 1895			

176. ELECTRIC LIGHTING.—154. CUT-OUTS—MECHANICAL—OSCILLATING SNAP.

542,848	Eyanson, G. T.-----	July 16, 1895	557,818	Marshand, P. E.-----	Apr. 7, 1896
543,409	Stuebner, H.-----	July 23, 1895	558,299	Nickerson, H. E.-----	Apr. 14, 1896
549,268	Haskins, C. D.-----	Nov. 5, 1895	559,916	Tismer, P. G.-----	May 12, 1896
550,577	Bach, C.-----	Dec. 3, 1895	561,116	Land, F.-----	June 2, 1896
551,203	Criggal, J. E.-----	Dec. 10, 1895	561,284	Ross, H.-----	June 2, 1896
556,185	Herrick, A. B.-----	Mar. 10, 1896	561,581	Guet, M.-----	June 9, 1896
556,510	Marshall, N.-----	Mar. 17, 1896			

176. ELECTRIC LIGHTING.—155. CUT-OUTS—MECHANICAL—ROTARY.

548,149	Marshall, N.-----	Oct. 1, 1895	553,014	Nevins, T. F.-----	Jan. 14, 1896
548,583	McEvoy, J. H.-----	Oct. 22, 1895	554,221	Hart, G. W.-----	Feb. 4, 1896
548,744	Cassidy, J. C.-----	Oct. 29, 1895	557,198	Gibbs, J. S.-----	Mar. 31, 1896
551,033	Short, S. H.-----	Dec. 10, 1895	557,777	Dresher, A. K.-----	Apr. 7, 1896
551,054	Short, S. H.-----	Dec. 10, 1895	559,340	Montgomery, E. H.-----	Apr. 28, 1896
552,574	Bergmann, S.-----	Jan. 7, 1896	562,142	McElroy, J. F.-----	June 16, 1896

176. ELECTRIC LIGHTING.—78. CUT-OUTS—THERMAL.

542,713	Orell, L. C.-----	July 16, 1895	552,680	Wagner and Schwedt.-----	Jan. 7, 1896
543,198	Thomson and Rice.-----	July 23, 1895	554,042	Strause, J. S.-----	Feb. 4, 1896
544,318	Melzer, J.-----	Aug. 13, 1895	554,438	Brown, P. S.-----	Feb. 11, 1896
544,368	McBerty, F. R.-----	Aug. 13, 1895	557,257	Davis and Torrance.-----	Mar. 31, 1896
546,475	Potter, H. N.-----	Sept. 17, 1895	560,128	Harrington, W. E.-----	May 12, 1896
546,613	Gleason, D. N.-----	Sept. 17, 1895	560,821	Reynolds, J. C.-----	May 26, 1896
546,957	Gartner, A.-----	Sept. 24, 1895	561,159	Downes, L.-----	June 2, 1896
547,591	Smith, J. B.-----	Oct. 8, 1895	562,980	Scovil and Gooding.-----	June 30, 1896
552,658	Bossert, W. F.-----	Jan. 7, 1896			

176. ELECTRIC LIGHTING.—194. CUT-OUTS—THERMAL—PLUG.

556,028	Schutt, D. A.-----				Mar. 10, 1896
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176. ELECTRIC LIGHTING.—195. CUT-OUTS—THERMAL—SUCCESSIVE.

560,819	Reagan, H. C.-----				May 26, 1896
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176. ELECTRIC LIGHTING.—104. LIGHTS—ARC, GRAVITY FEED.

550,600	Doubrava and Donat.-----	Dec. 3, 1895	557,229	Ray, W. D.-----	Mar. 31, 1896
556,437	Pyle, G. C.-----	Mar. 17, 1896	559,387	Jordan, A.-----	May 5, 1896
556,598	Pyle, G. C.-----	Mar. 24, 1896			

176. ELECTRIC LIGHTING.—105. LIGHTS—ARC, GRAVITY FEED, CLUTCH.

543,445	Jandus, W.-----	July 23, 1895	560,387	Bagnall, E. J.-----	May 19, 1896
543,413	Adams, T. E.-----	Oct. 22, 1895	560,421	McLaughlin, J.-----	May 19, 1896
543,414	Adams, T. E.-----	Oct. 22, 1895	560,671	Adams, T. E.-----	May 26, 1896
550,574	Adams, T. E.-----	Dec. 3, 1895	560,792	Haines and Fernald.-----	May 26, 1896
555,891	Adams, T. E.-----	Mar. 3, 1896	562,090	Okun, M. S.-----	June 16, 1896

176. ELECTRIC LIGHTING.—216. LIGHTS—ARC, GRAVITY FEED, DOUBLE DOG CLUTCH.

No.	NAME.	DATE.	No.	NAME.	DATE.
543,900	Scribner, C. E.-----	Aug. 6, 1895	559,408	Scribner, C. E.-----	May 5, 1896
545,736	Segerdahl, R.-----	Sept. 3, 1895	559,412	Segerdahl, R.-----	May 5, 1896
548,682	Wheless, M.-----	Oct. 29, 1895	559,648	Wheless, M.-----	May 5, 1896
548,683	Wheless, M.-----	Oct. 29, 1895	559,649	Wheless, M.-----	May 5, 1896
559,407	Scribner, C. E.-----	May 5, 1896	560,039	Maekin, A. O.-----	May 12, 1896

176. ELECTRIC LIGHTING.—106. LIGHTS—ARC, GRAVITY FEED, GEAR-CLUTCH.

542,490	Nutting, S. E.-----	July 9, 1895	549,075	Niewerth and Niewerth ----	Oct. 29, 1895
542,662	Thomson and Harthan ----	July 16, 1895	550,215	Cannevel, E.-----	Nov. 19, 1895
543,355	Sage, H. J.-----	July 23, 1895	550,365	Emery, F.-----	Nov. 26, 1895
543,399	Nutting, A. E.-----	July 23, 1895	551,029	Davy, W. J.-----	Dec. 10, 1895
543,502	Nutting, S. E.-----	July 30, 1895	551,244	Wiemann, W. P.-----	Dec. 10, 1895
543,729	Harthan, C. E.-----	July 30, 1895	553,697	Swoboda and Lavens-----	Jan. 28, 1896
544,578	Haines and Fernald-----	Aug. 13, 1895	554,542	Seaverns, J. A.-----	Feb. 11, 1896
544,579	Haines and Fernald-----	Aug. 13, 1895	555,706	Lavens, E.-----	Mar. 3, 1896
545,359	Harrison, H. F.-----	Aug. 27, 1895	556,479	Spencer, T.-----	Mar. 17, 1896
546,534	Higham, D.-----	Sept. 17, 1895	557,606	Reyman, T.-----	Apr. 7, 1896
546,689	Weber, Goellner, and Schweitzer.	Sept. 24, 1895	557,648	Bradley, H. E.-----	Apr. 7, 1896
549,074	Niewerth and Niewerth ----	Oct. 29, 1895	559,863	Nutting, S. E.-----	May 12, 1896

176. ELECTRIC LIGHTING.—217. LIGHTS—ARC, GRAVITY FEED, PIVOT-DOG CLUTCH.

549,083	Wheless, M.-----				Oct. 29, 1895
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176. ELECTRIC LIGHTING.—218. LIGHTS—ARC, GRAVITY FEED, RING-CLUTCH.

543,243	Higham, D.-----	July 23, 1895	552,967	Nilson, L. G.-----	Jan. 14, 1896
547,659	Bradley, H. E.-----	Oct. 8, 1895	561,560	Bergmann, S.-----	June 9, 1896

176. ELECTRIC LIGHTING.—107. LIGHTS—ARC, POSITIVE FEED.

544,529	Cunningham, R. H.-----	Aug. 13, 1895	553,335	Crosby, E. H.-----	Jan. 21, 1896
552,982	Borland, F. J.-----	Jan. 11, 1896			

176. ELECTRIC LIGHTING.—109. LIGHTS—ARC, POSITIVE FEED, GEAR-CLUTCH.

546,826	Schefbauer, R.-----	Sept. 24, 1895	546,828	Schefbauer, R.-----	Sept. 24, 1895
546,827	Schefbauer, R.-----	Sept. 24, 1895	553,621	Schefbauer, R.-----	Mar. 3, 1896

176. ELECTRIC LIGHTING.—220. LIGHTS—ARC, POSITIVE FEED, STEP GEAR-CLUTCH.

551,046	Pike, F. N.-----				Dec. 10, 1895
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176. ELECTRIC LIGHTING.—112. LIGHTS—ARC—SPECIAL FEATURES.

542,210	Snowden, E. P.-----	July 2, 1895	550,956	Farley, H. J.-----	Dec. 10, 1895
542,279	Pickering, B.-----	July 9, 1895	551,799	Thomson and Harthan ----	Dec. 24, 1895
542,589	Hildebrandt and Hildebrandt	July 9, 1895	552,190	Marks, L. B.-----	Dec. 31, 1895
543,186	Knight, J. C.-----	July 23, 1895	553,220	Buckner, J.-----	Jan. 14, 1896
545,694	Jahr, R. H.-----	Sept. 3, 1895	553,637	Pagnall and Arnold-----	Jan. 28, 1896
546,625	Seymour, W. C.-----	Sept. 17, 1895	555,112	Oehring, A. H.-----	Feb. 25, 1896
545,755	Adams, T. E.-----	Sept. 3, 1895	555,113	Oehring and Tucker-----	Feb. 25, 1896
546,388	Parnuly, S. P.-----	Sept. 17, 1895	555,411	Adams, T. E.-----	Mar. 3, 1896
546,403	Lantau and Anderson-----	Sept. 17, 1895	557,518	Pfingler, C. A.-----	Mar. 31, 1896
547,106	Adams, T. E.-----	Oct. 1, 1895	558,989	Seovil, L. A.-----	Apr. 28, 1896
547,246	Drake, J. I.-----	Oct. 1, 1895	560,255	Brady, F. H.-----	May 19, 1896
547,753	Higham, D.-----	Oct. 8, 1895	560,262	Edeburn, A. N.-----	May 19, 1896
548,028	Beseler, C.-----	Oct. 15, 1895	560,476	Coffin, C. L.-----	May 19, 1896
549,409	Vogeluis, C. F.-----	Nov. 5, 1895	562,313	Lyford, O. S.-----	June 16, 1896
549,731	Lantau, K. A.-----	Nov. 12, 1895	562,609	Higham, D.-----	June 23, 1896

176. ELECTRIC LIGHTING—110. LIGHTS—ARC AND INCANDESCENT.

No.	NAME.	DATE.	No.	NAME.	DATE.
544,065	Mosher, J. A -----	Aug. 6, 1895	552,498	Mosher, J. A -----	Dec. 31, 1895
547,127	Olan, J. W. Th-----	Oct. 1, 1895			

176. ELECTRIC LIGHTING.—102. LIGHTS—FILAMENTS AND CARBONS.

542,625	Cabiran, H. F -----	July 16, 1895	562,030	Roberts, I. L -----	June 16, 1896
542,982	Acheson, E. G -----	July 23, 1895	551,337	Portis, T. G -----	Dec. 10, 1895
543,985	Edison, T. A -----	Aug. 6, 1895	552,036	Böhm, L. K -----	Dec. 24, 1895
543,986	Edison, T. A -----	Aug. 6, 1895	553,296	Aylsworth, J. W -----	Jan. 21, 1896
543,987	Edison, T. A -----	Aug. 6, 1895	553,328	Aylsworth, J. W -----	Jan. 21, 1896

176. ELECTRIC LIGHTING.—18. LIGHTS—INCANDESCENT.

541,929	Greer, R -----	July 2, 1895	556,959	Butterfield, F. A -----	Mar. 24, 1896
547,249	Green, H -----	Oct. 1, 1895	558,634	Colby, E. A -----	Apr. 21, 1896
548,036	Cox, S. E -----	Oct. 15, 1895	558,727	Graves, R -----	Apr. 21, 1896
553,673	Green, H -----	Jan. 28, 1896	559,122	Daily, J. H -----	Apr. 28, 1896

176. ELECTRIC LIGHTING.—113. LIGHTS—INCANDESCENT—SPECIAL FEATURES.

543,616	Dunstan, G -----	July 30, 1895	558,122	Trobach, K. O. E -----	Apr. 14, 1896
544,502	Carmany, C. C -----	Aug. 13, 1895	558,343	Bergquist, C. G -----	Apr. 14, 1896
547,300	Smith and French -----	Oct. 1, 1895	558,609	Peeples, G -----	Apr. 21, 1896
550,097	Clift, E. E -----	Nov. 19, 1895	558,573	Smith, O. -----	Apr. 21, 1896
551,364	Collom, M. H -----	Dec. 17, 1895	558,993	Snowden, E. P -----	Apr. 28, 1896
552,363	Gleason, E. P -----	Dec. 31, 1895	559,048	Barrie, J -----	Apr. 28, 1896
553,344	Duntley, W. O -----	Feb. 4, 1896	559,143	Misell, D -----	Apr. 28, 1896
554,089	Quinn, P. H -----	Feb. 4, 1896	559,403	Remig, P. W -----	May 5, 1896
554,332	Carson, G. J -----	Feb. 11, 1896	559,801	Hoffmann, B. B -----	May 12, 1896
554,394	McCarthy, L -----	Feb. 11, 1896	11,544	Stierjager, L ----- (Reis.)	May 26, 1896
555,305	Crowdus, W. A -----	Feb. 25, 1896	561,443	Schmidt, J. -----	June 2, 1896
556,693	Quimby, C. E -----	Mar. 17, 1896	562,208	Waegel, W. -----	June 16, 1896

176. ELECTRIC LIGHTING.—98. LIGHTS—SOCKETS AND KEYS.

543,016	Heath, E. H -----	July 23, 1895	559,232	Tournier, J. C -----	Apr. 28, 1896
543,250	Westinghouse, G. jr-----	July 23, 1895	559,474	Wirt, H. C -----	May 5, 1896
546,666	Hussey, C. A -----	Sept. 24, 1895	560,168	Leonard, H. W -----	May 12, 1896
551,357	Beal, C. A -----	Dec. 17, 1895	560,667	Wirt, H. C -----	May 26, 1896
554,596	Snow, B. W -----	Feb. 18, 1896			

176. ELECTRIC LIGHTING.—19. SYSTEMS.

545,005	Ames and Parker -----	Aug. 20, 1895	549,810	Mottram, W. T. M -----	Nov. 12, 1895
548,126	Moore, D. McF -----	Oct. 15, 1895	552,496	Mayrhofer, J. C -----	Dec. 31, 1895
548,127	Moore, D. McF -----	Oct. 15, 1895	553,919	Lean, G. R -----	Feb. 4, 1896
548,128	Moore, D. McF -----	Oct. 15, 1895	553,920	Lean, G. R -----	Feb. 4, 1896
548,129	Moore, D. McF -----	Oct. 15, 1895	553,921	Lean, G. R -----	Feb. 4, 1896
548,130	Moore, D. McF -----	Oct. 15, 1895	555,192	Trippe, S. L -----	Feb. 25, 1896
548,131	Moore, D. McF -----	Oct. 15, 1895	555,320	Knowles, E. R -----	Feb. 25, 1896
548,574	Moore, D. McF -----	Oct. 22, 1895	556,946	Ward, A. F -----	Mar. 24, 1896
548,575	Moore, D. McF -----	Oct. 22, 1895	558,750	Wright, E. H -----	Apr. 21, 1896
548,576	Moore, D. McF -----	Oct. 22, 1895	561,958	Barstow and Lindsay-----	June 16, 1896
549,189	Fairfax, W. Mac. N-----	Nov. 5, 1895	562,647	Oppenheimer, L. K -----	June 23, 1896
549,209	Penny, C. L -----	Nov. 5, 1895			

176. ELECTRIC LIGHTING.—166. SYSTEMS.—AUTOMATIC-REGULATION.

542,979	Von Siemens, G -----	July 16, 1895	558,109	Reichel, E. B. W -----	Apr. 14, 1896
557,099	Badt, F. B -----	Mar. 31, 1896	558,924	Badt, F. B -----	Apr. 28, 1896

176. ELECTRIC LIGHTING.—129. SYSTEMS—CAR.

No.	NAME.	DATE.	No.	NAME.	DATE.
542,771	Moskowitz, M -----	July 16, 1895	550,242	Biddle, W -----	Nov. 26, 1895
542,773	Moskowitz, M -----	July 16, 1895	550,860	Biddle, W -----	Dec. 3, 1895
547,536	Biddle, W -----	Oct. 8, 1895	552,105	Dey, H. E -----	Dec. 31, 1895
547,537	Biddle and Dey -----	Oct. 8, 1895	554,697	Hutchinson, W. F -----	Feb. 18, 1896
547,835	Biddle, W -----	Oct. 15, 1895	555,068	Biddle, W -----	Feb. 25, 1896
549,136	Kinsman, F. E -----	Nov. 5, 1895	555,079	Armstrong, A. H -----	Mar. 10, 1896
549,162	Smith and Clough -----	Nov. 5, 1895	562,541	Kinsman, F. E -----	June 23, 1896

176. ELECTRIC LIGHTING.—197. SYSTEMS—DISPLAY.

542,928	Crandall, L. S -----	July 16, 1895	548,134	Moore, D. McF -----	Oct. 15, 1895
544,034	Gavin, E. F -----	Aug. 6, 1895	551,394	Misell, D -----	Dec. 17, 1895
546,799	Woodbridge, J. E -----	Sept. 24, 1895	555,114	Oehring and Tucker -----	Feb. 25, 1896
548,132	Moore, D. McF -----	Oct. 15, 1895	562,429	Skinner, C. E -----	June 23, 1896
548,133	Moore, D. McF -----	Oct. 15, 1895			

176. ELECTRIC LIGHTING.—167. SYSTEMS—HAND-REGULATION.

554,239	Burke, J -----	Feb. 11, 1896	560,772	Bowker, R. R -----	May 26, 1896
554,240	Burke, J -----	Feb. 11, 1896	562,209	Bowker, R. R -----	June 16, 1896
555,301	Burke, J -----	Feb. 25, 1896			

176. ELECTRIC LIGHTING.—198. SYSTEMS—SAFETY.

542,030	Rowand, L. G -----	July 2, 1895	554,557	Whitehead, H. B -----	Feb. 11, 1896
552,239	D'Umger, P. H -----	Dec. 31, 1895	555,326	Myrick, E. C -----	Feb. 25, 1896
554,263	Guillaume, T -----	Feb. 11, 1896	560,503	Ihlder, J. D -----	May 19, 1896

176. ELECTRIC LIGHTING.—130. SYSTEMS—SECONDARY BATTERY.

542,772	Moskowitz, M -----	July 16, 1895	555,057	Slocum, E. L -----	Feb. 18, 1896
551,743	Breul, H. O. W. J -----	Dec. 17, 1895			

176. ELECTRIC LIGHTING.—131. SYSTEMS—TEST.

543,364	Wirt, H. C -----	July 23, 1895	562,261	Toquet, B. L -----	June 16, 1896
554,275	Kelly, J. F -----	Feb. 11, 1896			

177. ELECTRIC SIGNALING.—1. ALARMS.

542,142	Browne, D. L. V -----	July 2, 1895	557,534	Baker, F. S -----	Apr. 7, 1896
542,406	Bradt, W. H -----	July 9, 1895	557,989	Gordon, T. M -----	Apr. 7, 1896
542,642	Heyman, C -----	July 16, 1895	559,131	Gordon, T. M -----	Apr. 28, 1896
542,643	Heyman, C -----	July 16, 1896	561,588	Hornig, J. L -----	June 9, 1896
547,143	Daellenbach, C. R -----	Oct. 1, 1895	561,982	Franklin, H. H -----	June 16, 1896
552,803	Williams, G. B -----	Jan. 7, 1896	562,731	Kraus, R. W. J -----	June 23, 1896
554,016	Baker, F. S -----	Feb. 4, 1896			

177. ELECTRIC SIGNALING.—199. ALARMS—EQUOREAL.

543,965	McCabe, B -----	Aug. 6, 1895	561,565	Clelland and Madden -----	June 9, 1896
555,120	Porath, F -----	Feb. 25, 1896			

177. ELECTRIC SIGNALING.—200. ALARMS—BAROKINETIC.

548,887	Murphy, W. F -----				Oct. 29, 1895
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177. ELECTRIC SIGNALING.—2. ALARMS—BURGLARS.

No.	NAME.	DATE.	No.	NAME.	DATE.
545,835	Alexander, J. R -----	Sept. 3, 1895	554,505	Coleman, C -----	Feb. 11, 1896
552,542	Oram, J. M -----	Jan. 7, 1896	562,325	Rohrdantz, H -----	June 16, 1896

177. ELECTRIC SIGNALING.—3. ANNUNCIATORS.

542,926	Clarke, W. J -----	July 16, 1895	560,212	Herzog, F. B -----	May 19, 1896
544,024	Bramwell, C. C -----	Aug. 6, 1895	560,358	King, G. J -----	May 19, 1896
557,819	Houser, D. E -----	Apr. 7, 1896	561,124	McCullough, J. L -----	June 2, 1896

177. ELECTRIC SIGNALING.—139. ANNUNCIATORS—DROP.

542,664	Thomson, E -----	July 16, 1895	545,069	Galbraith, G. J -----	Aug. 27, 1895
542,533	Olson, J. W -----	July 16, 1895	552,726	Scribner, C. E -----	Jan. 7, 1896
544,388	Scribner, C. E -----	Aug. 13, 1895	555,101	Kips, J -----	Feb. 25, 1896

177. ELECTRIC SIGNALING.—157. ANNUNCIATORS—DROP SYSTEMS.

550,260	Edson, M. A -----	Nov. 26, 1895	559,352	Becker, F -----	May 5, 1896
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177.—ELECTRIC SIGNALING.—140. ANNUNCIATORS—STEP-BY-STEP.

549,240	Hunter, R. L -----	Nov. 5, 1895	555,076	Cole and Chapman -----	Feb. 25, 1896
549,241	Hunter, R. L -----	Nov. 5, 1895	559,039	Painter, G. E -----	Apr. 28, 1896

177. ELECTRIC SIGNALING.—158. ANNUNCIATORS—TIME.

543,000	Edgerton, E. M -----	July 23, 1895	553,198	Stickle, S. C -----	Jan. 14, 1896
550,205	Todd, J. T. A -----	Nov. 19, 1895	555,160	Hartfluss, J. P -----	Feb. 25, 1896
552,733	Stansel, T. J -----	Jan. 7, 1896	560,096	Jordan, F. C -----	May 12, 1896

177. ELECTRIC SIGNALING.—7. BELLS.

544,107	Moore, L -----	Aug. 6, 1895	550,229	McDonald and McDonald ---	Nov. 19, 1895
547,034	Russell, F. J -----	Oct. 1, 1895	553,900	Colgate, A. E -----	Feb. 4, 1896
547,443	Mills, N. F -----	Oct. 8, 1895	553,977	Dunderdale, C. F -----	Feb. 4, 1896
547,807	Rockwell, E. D -----	Oct. 15, 1895	558,385	Harrigan, R. D -----	Apr. 14, 1896
547,886	Nicholas, A -----	Oct. 15, 1895	559,274	Fitch, D. H -----	Apr. 28, 1896
549,205	Mercein and Porter -----	Nov. 5, 1895	560,506	Keil and Keil -----	May 19, 1896

177. ELECTRIC SIGNALING.—26. INDICATORS.

543,086	Donovan, J -----	July 23, 1895	547,592	Turner, W. A -----	Oct. 8, 1895
543,236	Custodis, A -----	July 23, 1895	548,721	Opdyke, S. B -----	Oct. 29, 1895
544,576	Adelsberg, J. K -----	Aug. 20, 1895	548,722	Opdyke, S. B -----	Oct. 29, 1895
544,988	Mark, R. L -----	Aug. 20, 1895	555,130	Thomson, E -----	Feb. 25, 1896
545,127	Malm, L -----	Aug. 27, 1895	556,425	Lemp, H -----	Mar. 17, 1896
546,003	Chapman, F. M -----	Sept. 10, 1895	559,038	Painter, G. E -----	Apr. 28, 1896
546,135	Fairbanks, J. A -----	Sept. 10, 1895	561,430	Pfätscher, M -----	June 2, 1896
546,228	Davis and Christy -----	Sept. 10, 1895	561,431	Pfätscher, M -----	June 2, 1896
547,035	Russell, F. J -----	Oct. 1, 1895			

177. ELECTRIC SIGNALING.—159. INDICATORS—STATION.

553,058	Eby, C -----				Jan. 14, 1896
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177. ELECTRIC SIGNALING.—38. RAILWAY.

No.	NAME.	DATE.	No.	NAME.	DATE.
542,543	Thomas, G. L. -----	July 9, 1895	555,217	Lyncker, G. A. -----	Feb. 25, 1896
543,721	Blackey, E. -----	July 30, 1895	555,601	Fiedler, W. -----	Mar. 3, 1896
545,701	Lattig, J. W. -----	Sept. 3, 1895	556,577	Hull and Boylett -----	Mar. 17, 1896
547,820	Timmis, I. A. -----	Oct. 15, 1895	557,749	Alexander, W. W. -----	Apr. 7, 1896
550,535	Schreuder, J. G. -----	Nov. 26, 1895	558,749	Thomas, G. L. -----	Apr. 21, 1896
551,942	Barnes and Slater -----	Dec. 24, 1895	562,318	McBrien, F. -----	June 16, 1896
552,858	Thomas, G. L. -----	Jan. 7, 1896			

177. ELECTRIC SIGNALING.—147. RAILWAY—BLOCK.

544,647	Alsop, C. R. -----	Aug. 20, 1895	555,248	Jordan, W. H. -----	Feb. 25, 1896
545,494	Hall, A. W. -----	Sept. 3, 1895	560,071	Stewart, D. C. -----	May 12, 1896
550,566	Sherwood C. H. -----	Nov. 26, 1895	562,929	Sherwood, C. H. -----	June 30, 1896
552,057	Farmer, J. R. -----	Dec. 24, 1895			

177. ELECTRIC SIGNALING.—146. RAILWAY—BLOCK SYSTEMS.

542,638	Griffin, A. J. -----	July 16, 1895	554,884	Leonard, A. G. -----	Feb. 18, 1896
543,593	Dixon, T. B. -----	July 30, 1895	554,918	Farmer, J. R. -----	Feb. 18, 1896
551,998	Phelps and Sampson -----	Dec. 24, 1895	558,028	Bathurst, F. -----	Apr. 14, 1896
552,776	Pratt, F. G. -----	Jan. 7, 1896	562,253	Shoecraft, J. -----	June 16, 1896

177. ELECTRIC SIGNALING.—148. RAILWAY—CAB.

546,308	De Leeuw, A. L. -----	Sept. 17, 1895	556,773	Rowell, B. C. -----	Mar. 24, 1896
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177. ELECTRIC SIGNALING.—149. RAILWAY—CAB—SECTIONAL RAIL.

542,550	Brown, G. M. -----	July 9, 1895	552,053	Dutrey, J. -----	Dec. 24, 1895
542,670	Wood and Miller -----	July 16, 1895	552,279	Cutten, E. B. -----	Dec. 31, 1895
542,916	Baque, A. B. Y. -----	July 16, 1895	555,167	Irwin, J. -----	Feb. 25, 1896
545,903	Miller, G. E. -----	Sept. 10, 1895	557,320	Wood and Miller -----	Mar. 31, 1896
545,904	Miller, G. E. -----	Sept. 10, 1895	560,293	Biddle, W. -----	May 19, 1896
547,240	Briggs, L. W. -----	Oct. 1, 1895	560,427	Potter, W. B. -----	May 19, 1896
548,435	Fraser, A. C. -----	Oct. 22, 1895	560,451	West, J. C. -----	May 19, 1896

177. ELECTRIC SIGNALING.—150. RAILWAY—SECTIONAL RAIL.

541,949	Roome, W. G. -----	July 2, 1895	550,670	Young, J. V. -----	Dec. 3, 1895
542,699	Wetherbee, F. B. -----	July 16, 1895	552,181	Hovey, H. J. -----	Dec. 31, 1895
542,761	Gordon, A. C. -----	July 16, 1895	552,316	Dixon, T. B. -----	Dec. 31, 1895
542,769	Keeler, T. B. -----	July 16, 1895	553,642	Dixon, T. B. -----	Jan. 28, 1896
543,322	Stewart, J. B. -----	July 23, 1895	554,097	Taylor, J. D. -----	Feb. 4, 1896
543,591	Dixon, T. B. -----	July 30, 1895	554,957	Rowell, B. C. -----	Feb. 18, 1896
543,592	Dixon, T. B. -----	July 30, 1895	556,072	Thomas, G. L. -----	Mar. 10, 1896
543,594	Dixon, T. B. -----	July 30, 1895	556,139	Ellis, A. E. -----	Mar. 10, 1896
543,595	Dixon, T. B. -----	July 30, 1895	558,565	Roome, W. G. -----	Apr. 21, 1896
543,596	Dixon, T. B. -----	July 30, 1895	558,566	Roome, W. G. -----	Apr. 21, 1896
543,785	Schreuder, J. G. -----	July 30, 1895	558,858	Stevens and Donovan -----	Apr. 21, 1896
543,793	Young, J. V. -----	July 30, 1895	559,688	Dixon, J. G. -----	May 5, 1896
544,802	Vansize, W. B. -----	Aug. 20, 1895	560,102	Lattig, J. W. -----	May 12, 1896
548,161	Hansel, C. -----	Oct. 15, 1895	560,193	Creelman, A. L. -----	May 19, 1896
548,426	Coleman, J. P. -----	Oct. 22, 1895	560,619	Leonard, M. B. -----	May 19, 1896
548,469	Shoecraft, J. -----	Oct. 22, 1895	560,903	Jordan, W. H. -----	May 26, 1896
550,210	Wyckoff, B. -----	Nov. 19, 1895			

177. ELECTRIC SIGNALING.—151. RAILWAY—TRACK INSTRUMENTS.

543,597	Dixon, T. B. -----	July 30, 1895	560,359	Leonard, M. B. -----	May 19, 1896
543,966	Nutt, W. -----	Aug. 6, 1895	560,360	Leonard, M. B. -----	May 19, 1896
545,469	Fildes, J. H. -----	Sept. 3, 1895	562,639	Miller, H. V. -----	June 23, 1896
559,576	Everest, L. J. -----	May 5, 1896			

177. ELECTRIC SIGNALING.—39. RECORDERS.

No.	NAME.	DATE.	No.	NAME.	DATE.
548,700	Crehore, A. C -----	Oct. 29, 1895	559,518	Eaton, H. F -----	May 5, 1896

175. SPECIAL APPLICATIONS.—4. APPLICATIONS. GENERAL.

544,861	McLaughlin, J. F -----	Aug. 20, 1895
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175. SPECIAL APPLICATIONS.—21. ELECTROMAGNETS.

546,220	Brown, H. P -----	Sept. 10, 1895	554,821	Houleham, J -----	Feb. 18, 1896
551,020	Wellman, S. T -----	Dec. 10, 1895	558,045	Cox, F. B -----	Apr. 14, 1896
552,103	Daniels, W. P -----	Dec. 31, 1895	559,176	Hussey, C. A -----	Apr. 28, 1896
552,172	Field, S. D -----	Dec. 31, 1895	562,564	Allen, C. E -----	June 23, 1896

175. SPECIAL APPLICATIONS.—115. IGNITING DEVICES—AUTOMATIC.

542,959	Grier, H. G -----	July 16, 1895	552,594	Swendeman, J. E -----	Jan. 7, 1896
544,514	Orling, E -----	Aug. 13, 1895	553,304	Farquharson, H. C -----	Jan. 21, 1896
548,396	Schindler, F. W -----	Oct. 22, 1895	553,330	Brinkerhoff and Farquharson	Jan. 21, 1896
548,492	White, W -----	Oct. 22, 1895	554,622	Grier, H. G -----	Feb. 11, 1896
552,354	Meyer, P -----	Dec. 31, 1895	554,665	Englehard and Englehard ---	Feb. 18, 1896

175. SPECIAL APPLICATIONS.—117. IGNITING DEVICES—INDUCTIONAL.

553,960	Kaiser, W -----	Feb. 4, 1896
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175. SPECIAL APPLICATIONS.—116. IGNITING DEVICES—MANUAL.

544,634	Webb, F. A -----	Aug. 13, 1895	557,434	Schoenberg, Flucker and Keedwell.	Mar. 31, 1896
545,091	Palmer, J. W -----	Aug. 27, 1895	559,939	Fisher, W -----	May 12, 1896
550,432	Anck, J. M -----	Nov. 26, 1895	560,284	Rudolph, W. T -----	May 19, 1896
550,469	Ackroyd and Best -----	Nov. 26, 1895	560,370	Rudolph, W. F -----	May 19, 1896
550,656	McLaughlin, J. F -----	Dec. 3, 1895	562,395	Gruhlke and Kessler -----	June 23, 1896
551,451	Rider and Hencken -----	Dec. 17, 1895	562,775	Rider, H. E -----	June 23, 1896
556,138	Doyle, J. P -----	Mar. 10, 1896	562,850	Plummer, F. O -----	June 30, 1896
556,189	Jackson, J. B -----	Mar. 10, 1896	562,891	Galbraith, G. J -----	June 30, 1896
555,968	O'Neill and O'Neill -----	Mar. 10, 1896	562,937	Thomson, A. C -----	June 30, 1896
557,375	Frye, J -----	Mar. 31, 1896			

175. SPECIAL APPLICATIONS.—183. TESTING.

556,646	Scott and Skinner -----	Mar. 17, 1896
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178. TELEGRAPHY.—46. AUTOMATIC.

541,967	Delaney, P. B -----	July 2, 1895	550,729	Smith, J. G -----	Dec. 3, 1895
543,425	Robertson, J. H -----	July 23, 1895	551,946	Cooley, W. H -----	Dec. 24, 1895
543,426	Robertson, J. H -----	July 23, 1895	554,862	Cooley, W. H -----	Feb. 18, 1896
543,427	Robertson, J. H -----	July 23, 1895	555,626	Storm, A. W -----	Mar. 3, 1896
543,428	Robertson, J. H -----	July 23, 1895	555,938	Etheridge, H -----	Mar. 10, 1896
543,429	Robertson, J. H -----	July 23, 1895	559,479	Burke, C. G -----	May 5, 1896
548,701	Crehore, A. C -----	Oct. 29, 1895	563,148	Essick, S. V -----	June 30, 1896
548,729	Tiffany, G. S -----	Oct. 29, 1895	563,149	Essick, S. V -----	June 30, 1896
549,556	Whitney, C. E -----	Nov. 12, 1895			

178. TELEGRAPHY.—45. CIRCUITS AND SYSTEMS.

553,605	Bachus, E. E -----	Jan. 28, 1896	550,510	Kitsee, I. -----	Nov. 26, 1895
553,957	Delany, P. B -----	Feb. 4, 1896	550,511	Kitsee, I. -----	Nov. 26, 1895

178. TELEGRAPHY.—48. DUPLEX.

No.	NAME.	DATE.	No.	NAME.	DATE.
541,994	Davis, M. M.-----				July 2, 1895

178. TELEGRAPHY.—49. DYNAMO.

546,324	Harris, A. S.-----	Sept. 17, 1895	556,670	Grace, C. M.-----	Mar. 17, 1896
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178. TELEGRAPHY.—50. FIRE.

543,103	Rolfe, C. A.-----	July 23, 1895	553,106	Coleman, J. A.-----	Jan. 14, 1896
543,104	Rolfe, C. A.-----	July 23, 1895	555,491	Barrett, M. E.-----	Mar. 3, 1896
545,141	Walsh, T.-----	Aug. 27, 1895	559,397	Morse, T. G.-----	May 5, 1896
551,090	Noyes, B. J.-----	Dec. 10, 1895	559,409	Scribner, C. E.-----	May 5, 1896
551,123	Kirnan, W. H.-----	Dec. 10, 1895	561,525	Ruddick, J. J.-----	June 2, 1896
552,746	Cole, F. W.-----	Jan. 7, 1896	561,526	Ruddick, J. J.-----	June 2, 1896
552,897	Denver, H.-----	Jan. 14, 1896			

178. TELEGRAPHY.—160. FIRE—AUTOMATIC.

543,579	Ludlow, F. K.-----	Aug. 6, 1895	547,900	Speer, E. A.-----	Oct. 15, 1895
544,123	Rolfe, C. A.-----	Aug. 6, 1895	562,431	Stearns, C. H.-----	June 23, 1896
546,262	Tisdale, C. D.-----	Sept. 10, 1895			

178. TELEGRAPHY.—162. FIRE—ENGINE-HOUSE APPARATUS.

552,924	Reynolds, S. H.-----	Jan. 14, 1896	552,954	Chute, J. W.-----	Jan. 14, 1896
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178. TELEGRAPHY.—163. FIRE—NON-INTERFERING.

543,063	Stack, J. T.-----	July 23, 1895	553,838	Cole, F. W.-----	Feb. 4, 1896
546,036	Suren, N. H.-----	Sept. 10, 1895	553,839	Cole, F. W.-----	Feb. 4, 1896
546,037	Suren, N. H.-----	Sept. 10, 1895	553,840	Cole, F. W.-----	Feb. 4, 1896
548,317	Kirnan, W. H.-----	Oct. 22, 1895	553,873	Ruddick, J. J.-----	Feb. 4, 1896
552,153	Suren, N. H.-----	Dec. 31, 1895	562,034	Ruddick, J. J.-----	June 16, 1896

178. TELEGRAPHY.—164. FIRE—VARIABLE SIGNAL.

554,889	Mehren, J. F.-----				Feb. 18, 1896
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178. TELEGRAPHY.—161. FIRE—VARIABLE SIGNAL—DIAL.

542,074	Brombacker, E.-----	July 2, 1895	546,874	Banks, W. F.-----	Sept. 24, 1895
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178. TELEGRAPHY.—103. FIRE—ALARMS AND EXTINGUISHERS.

544,894	Harkness, W.-----	Aug. 20, 1895	547,827	Wall, G. A.-----	Oct. 15, 1895
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178. TELEGRAPHY.—51. MULTIPLEX.

543,984	Dixon, T. B.-----	Aug. 6, 1895	562,004	Law, E. F. G.-----	June 16, 1896
549,709	Dixon, T. B.-----	Nov. 12, 1895			

178. TELEGRAPHY.—52. PERFORATING.

No.	NAME.	DATE.	No.	NAME.	DATE.
545,938	Briggs and Patterson -----	Sept. 10, 1895	554,395	Oehring, L. E. -----	Feb. 11, 1896

178. TELEGRAPHY.—54. PRINTING.

544,345	Buckingham, L. L. -----	Aug. 13, 1895	550,658	Strowger, A. B. -----	Dec. 3, 1895
544,346	Buckingham, L. L. -----	Aug. 13, 1895	551,947	Cooley, W. H. -----	Dec. 24, 1895
544,347	Buckingham, L. L. -----	Aug. 13, 1895	559,821	Spaulding, H. C. -----	May 12, 1896
544,348	Buckingham, L. L. -----	Aug. 13, 1895	562,561	Allen, C. E. -----	June 23, 1896
545,637	Spiro, C. -----	Sept. 3, 1895			

178. TELEGRAPHY.—141. PRINTING—MULTIPLE WHEEL.

549,179	Woodbridge, J. E. -----	Nov. 5, 1895	552,738	Woodbridge, J. E. -----	Jan. 7, 1896
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178. TELEGRAPHY.—142. PRINTING—WHEEL.

551,948	Cooley, W. H. -----	Dec. 24, 1895	558,507	Merritt and Joy -----	Apr. 21, 1896
555,506	Merritt and Joy -----	Apr. 21, 1896			

178. TELEGRAPHY.—55. QUADRUPLIX.

560,313	Dixon, T. B. -----				May 19, 1896
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178. TELEGRAPHY.—56. RAILWAY CARS.

543,933	Henry, J. C. -----	Aug. 6, 1895	548,924	Parrish, M. W. -----	Oct. 29, 1895
544,937	Von Sternberg, F. C. -----	Aug. 20, 1895	558,602	Devine, E. J. -----	Apr. 21, 1896
551,930	Greene, W. S. -----	Dec. 24, 1895			

178. TELEGRAPHY.—63. REED.

546,892	La Cour, P. -----				Sept. 24, 1895
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178. TELEGRAPHY.—10. CIRCUIT CLOSERS.

544,363	Martin and Morris -----	Aug. 13, 1895	559,416	Soper, G. J. -----	May 5, 1896
545,726	Rittenhous, B. F. -----	Sept. 3, 1895	563,033	Hagerty, T. F. -----	June 30, 1896

178. TELEGRAPHY.—202. CIRCUIT CLOSERS—BURGLAR.

542,697	Vanderpool, A. A. -----	July 16, 1895	554,074	Miller, L. B. -----	Feb. 4, 1896
549,045	Anthony, M. -----	Oct. 29, 1895			

178. TELEGRAPHY.—203. CIRCUIT-CLOSERS—LOCK.

560,043	Moulart, A. J. -----	May 12, 1896	561,107	Goucher, W. E. -----	June 2, 1896
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178. TELEGRAPHY.—204. CIRCUIT-CLOSERS—RETARDED.

542,904	Badt, F. B. -----				Oct. 29, 1895
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178. TELEGRAPHY.—128. CIRCUIT CLOSERS—THERMAL.

No.	NAME.	DATE.	No.	NAME.	DATE.
542,775	McCoy, J. R -----	July 16, 1895	554,671	Frischknecht, E -----	Feb. 18, 1896
542,783	Snapp, J. F -----	July 16, 1895	557,272	Johnson, W. S -----	Mar. 31, 1896
543,743	Lyndon, L -----	July 30, 1895	557,650	Chockley, W. B -----	Apr. 7, 1896
545,076	Hill, G -----	Aug. 27, 1895	560,023	Day, W. G -----	May 12, 1896
546,261	Tisdale, C. D -----	Sept. 10, 1895	560,921	Pearson, R -----	May 26, 1896
546,551	Pearson, R -----	Sept. 17, 1895	562,353	Brazelton and Zoeller -----	June 16, 1896
549,906	Edgecomb, H. A -----	Nov. 19, 1895	562,917	Rogers, C. B -----	June 30, 1896
551,284	Hunt and Dunkel -----	Dec. 10, 1895	563,138	Cortland, H -----	June 30, 1896
552,166	Woodward, O. F -----	Dec. 31, 1895	563,203	McCoy, J. R -----	June 30, 1896

178. TELEGRAPHY.—12. CONDENSERS.

543,978	Bradley, C. S -----	Ang. 6, 1895
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178. TELEGRAPHY.—29. KEYS.

545,532	Philbrook, G. T -----	Sept. 3, 1895	558,564	Rolfe, C. A -----	Apr. 21, 1896
548,969	Dickinson, O. A -----	Oct. 29, 1895	558,617	Simons, W. E -----	Apr. 21, 1896
554,112	Deats, W -----	Feb. 4, 1896			

178. TELEGRAPHY.—30. LIGHTNING ARRESTERS.

543,892	Potter, W. B -----	Ang. 6, 1895	550,733	Thomson, E -----	Dec. 3, 1895
546,523	Gieske, O -----	Sept. 17, 1895	551,786	Potter, W. B -----	Dec. 24, 1895
550,192	McCulloch, A. H -----	Nov. 19, 1895	553,528	Hoffmann, E. G. W. C -----	Jan. 28, 1896

178. TELEGRAPHY.—215. LIGHTNING-ARRESTERS—THERMAL.

554,130	Lewis, H. A -----	Feb. 4, 1896	561,073	Cooper, W -----	May 26, 1896
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178. TELEGRAPHY.—35. MORSE REGISTER.

544,644	Rolfe, C. A -----	Aug. 13, 1895	550,462	Suren, N. H -----	Nov. 26, 1895
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178. TELEGRAPHY.—41. RELAYS AND SOUNDERS.

544,351	Dixon, T. B -----	Aug. 13, 1895	558,672	Chapman, F. E -----	Apr. 21, 1896
551,192	MacDonald, A. D -----	Dec. 10, 1895	561,653	Butler, E -----	June 9, 1896
553,675	Haskins, C. D -----	Jan. 28, 1896			

178. TELEGRAPHY.—42. REPEATERS.

553,535	Merritt, B. F -----	Jan. 28, 1896	557,854	Minnis, P -----	Apr. 7, 1896
555,165	Horton, L., jr -----	Feb. 25, 1896	558,042	Collyer, A. E -----	Apr. 14, 1896

178. TELEGRAPHY.—69. TRANSMITTERS.

551,515	Spiro, C -----	Dec. 17, 1895
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179. TELEPHONY.—82. ANTI-INDUCTION DEVICES.

543,960	Gray, G -----	Aug. 6, 1895	547,960	Marsh, J. W -----	Oct. 15, 1895
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179. TELEPHONY.—57. TELEPHONES—CALLS.

546,357	Smith, I. D -----	Sept. 17, 1895	561,377	Dean and Dean -----	June 2, 1896
546,904	Salisbury and Dean -----	Sept. 24, 1895	563,025	Dn Perow, M -----	June 30, 1896
553,364	Smith, J. G -----	Jan. 21, 1896			

179. TELEPHONY.—143. TELEPHONES—CALLS—REED.

No.	NAME.	DATE.	No.	NAME.	DATE.
550,982	Lightship, J. A				Dec. 10, 1895

179. TELEPHONY.—144. TELEPHONES—STEP-BY-STEP.

545,815	Price, B	Sept. 3, 1895	555,984	Webb, H. L	Mar. 10, 1896
548,282	Alexander, W. W	Oct. 22, 1895			

179. TELEPHONY.—58. TELEPHONES—DETAILS.

543,490	Lamarche, R	July 30, 1895	558,167	Field, S. D	Apr. 14, 1896
543,626	Libbey, H. W	July 30, 1895	558,168	Field, S. D	Apr. 14, 1896
546,972	Gerson, L. J	Sept. 24, 1895	561,416	Miller, J. H	June 2, 1896
552,816	Burchell, N. L	Jan. 7, 1896	561,421	Minnis, P	June 2, 1896
553,633	Weschke, E	Jan. 28, 1896	561,601	Morey, E. L	June 9, 1896
553,964	Quatram, F	Feb. 4, 1896	561,619	Seligmann, G. P	June 9, 1896
555,645	Hempel, H	Mar. 3, 1896			

179. TELEPHONY.—59. TELEPHONES—ELECTRIC.

543,190	Paige, A. E	July 23, 1895	558,354	Cole, W. R	Apr. 14, 1896
552,173	Field, S. D	Dec. 31, 1895	556,007	Freudenberg, M	Mar. 10, 1896
552,689	Kusel, I. J	Jan. 7, 1896	559,988	Berdell, T	May 12, 1896

179. TELEPHONY.—184. TELEPHONES—GRANULAR.

542,822	Carbonelle, H	July 16, 1895	554,141	Randall, C. A	Feb. 4, 1896
543,313	Patrick, Z. E	July 23, 1895	554,895	Russell and Russell	Feb. 18, 1896
546,027	Parker, E. C	Sept. 10, 1895	555,073	Bradshaw, W. L	Feb. 25, 1896
548,745	Ericsson, L. M	Oct. 29, 1895	555,154	Graham, A	Feb. 25, 1896
549,802	Lucas, I	Nov. 12, 1895	556,496	Dunderdale, C. T	Mar. 17, 1896
549,803	Lucas, I	Nov. 12, 1895	557,588	Lockwood & Lockwood	Apr. 7, 1896
551,275	Goodman and Goodman	Dec. 10, 1895	557,741	Wilhelm, W. L	Apr. 7, 1896
551,674	Grissinger, T	Dec. 17, 1895	558,313	Rose, A. W	Apr. 14, 1896
552,469	Drawbaugh, D	Dec. 31, 1895	559,106	Ray, F. A	Apr. 28, 1896
553,452	Dinsmore, S. A	Jan. 21, 1896	561,358	Sutton, G. W	June 2, 1896
553,843	Dinsmore, S. A	Feb. 4, 1896			

179. TELEPHONY.—185. TELEPHONES—MULTIPLE ELECTRODE.

542,444	Hughes, C. C	July 9, 1895	559,476	Appleman, L. D	May 5, 1896
546,965	Tower, Hunter and Eastwood	Sept. 24, 1895	559,837	Bassett, N	May 12, 1896
548,777	Davis, E. F	Oct. 29, 1895	559,989	Berdell, T	May 12, 1896
549,477	Deau, W. W	Nov. 5, 1895	559,990	Berdell, T	May 12, 1896

179. TELEPHONY.—60. TELEPHONES—MAGNETIC.

542,191	Halsey, E. S	July 2, 1895	554,036	Schwarze, C. J	Feb. 4, 1896
544,890	Frank, M	Aug. 20, 1895	555,051	Pratt and Allin	Feb. 18, 1896
549,860	Stromberg and Carlson	Nov. 12, 1895	558,584	Field, S. D	Apr. 21, 1896
551,347	Browne, A. C	Dec. 10, 1895	558,859	Stromberg and Carlson	Apr. 21, 1896
552,972	Schwarze, C. J	Jan. 14, 1896	560,403	Field, S. D	May 19, 1896

179. TELEPHONY.—77. TELEPHONES—RELAYS AND REPEATERS.

542,617	Arnold, C. H	July 16, 1895	542,658	Richards, W. L	July 16, 1895
542,618	Arnold, C. H	July 16, 1895	542,913	Arnold, C. H	July 16, 1895
542,619	Arnold, C. H	July 16, 1895	543,843	Bigger, J. S	Aug. 6, 1895
542,657	Richards, W. L	July 16, 1895			

179. TELEPHONY.—100. TELEPHONES—SUPPORTS.

No.	NAME.	DATE.	No.	NAME.	DATE.
543,328	Bertels, C. E -----	July 23, 1895	548,027	Bernhard, C. H. -----	Oct. 15, 1895
543,798	Burchell, N. L -----	July 30, 1895	551,551	Martland, F. W -----	Dec. 17, 1895

179. TELEPHONY.—85. TELEPHONES—SWITCHBOARDS.

548,229	Scribner, C. E -----	Oct. 22, 1895	561,422	Minnis, P -----	June 2, 1896
552,729	Scribner, C. E -----	Jan. 7, 1896	561,424	Minnis, P -----	June 2, 1896
559,348	Fisk, H. M -----	Apr. 28, 1896			

179. TELEPHONY.—71. TELEPHONES—SWITCHES.

544,335	Whitney, F. R -----	Aug. 13, 1895	552,516	Coy, G. M -----	Jan. 7, 1896
544,711	Wilcox, E. C -----	Aug. 20, 1895	552,705	Coy, C. W -----	Jan. 7, 1896
545,191	Boardman, A. F -----	Aug. 27, 1895	552,866	Coy, G. W -----	Jan. 7, 1896
545,253	Shaver, G. F -----	Aug. 27, 1895	552,867	Coy, G. W -----	Jan. 7, 1896
545,416	Shaver, G. F -----	Aug. 27, 1895	553,239	Garl, M -----	Feb. 25, 1896
547,265	Johnson, H. T -----	Oct. 1, 1895	556,763	Moore, W. A -----	Mar. 24, 1896
547,613	Miner, W. M -----	Oct. 8, 1895	557,284	Paranore, E. C -----	Mar. 31, 1896
548,210	Kusel, I. J -----	Oct. 22, 1895	561,423	Minnis, P -----	June 2, 1896
548,897	Thomas, J. E -----	Oct. 29, 1895			

179. TELEPHONY.—64. TELEPHONES—SYSTEMS.

542,262	Kellogg, M. G -----	July 9, 1895	552,728	Scribner, C. E -----	Jan. 7, 1896
543,106	Scribner, C. E -----	July 23, 1895	552,730	Scribner, C. E -----	Jan. 7, 1896
544,383	Scribner, C. E -----	Aug. 13, 1895	552,865	Colvin, F. R -----	Jan. 7, 1896
549,491	Clewly, W. H -----	Nov. 12, 1895	558,106	Rabbidge, P -----	Apr. 14, 1896
552,727	Scribner, C. E -----	Jan. 7, 1896	560,861	Pickernell and Perrin -----	May 26, 1896

179. TELEPHONY.—101. TELEPHONES—SYSTEMS—AUTOMATIC.

543,160	Shibata, W. J -----	July 23, 1895	547,755	Hutchins, G. K -----	Oct. 8, 1895
543,231	Ewing, T -----	July 23, 1895	550,728	Smith, J. G -----	Dec. 3, 1895
543,241	Gump, W. E -----	July 23, 1895	551,391	Lounsbury, W. F -----	Dec. 17, 1895
543,708	Shibata, W. J -----	July 30, 1895	554,125	Honts, W. A -----	Feb. 4, 1896
546,725	Berditschewsky and Freuden- berg.	Sept. 24, 1895	562,061	Berditschewsky, S -----	June 16, 1896

179. TELEPHONY.—186. TELEPHONES—SYSTEMS—CENTRAL.

542,066	Scribner, C. E -----	July 2, 1895	557,153	Scribner, C. E -----	Mar. 31, 1896
542,249	Gilliland, J. F -----	July 9, 1895	557,154	Scribner, C. E -----	Mar. 31, 1896
543,559	O'Connell, J. J -----	July 30, 1895	559,410	Scribner and McBerty -----	May 5, 1896
543,901	Scribner, C. E -----	Aug. 6, 1895	559,411	Scribner and McBerty -----	May 5, 1896
544,370	McBerty, F. R -----	Aug. 13, 1895	559,616	Scribner, C. E -----	May 5, 1896
544,567	Dean, W. W -----	Aug. 13, 1895	559,792	Dean, W. W -----	May 12, 1896
545,921	Stromberg, Carlson and Knight.	Sept. 10, 1895	560,617	Khotinsky, A. de -----	May 19, 1896
545,922	Stromberg and Carlson -----	Sept. 10, 1895	560,757	Scribner, C. E -----	May 26, 1896
546,731	Dean, W. W -----	Sept. 24, 1895	560,762	Stone, J. S -----	May 26, 1896
549,346	Buell, C. E -----	Nov. 5, 1895	560,845	Deau, W. W -----	May 26, 1896
550,765	Scribner, C. E -----	Dec. 3, 1895	562,010	Maxwell, G. S -----	June 16, 1896
551,060	Stone, J. R -----	Dec. 10, 1895	562,011	Maxwell, G. S -----	June 16, 1896
552,823	Colvin, F. R -----	Jan. 7, 1896	562,435	Stone, J. S -----	June 23, 1896
553,179	Shade and Stone -----	Jan. 14, 1896	562,906	McBerty, F. R -----	June 30, 1896
555,707	O'Connell, J. J -----	Mar. 3, 1896	563,073	Scribner, C. E -----	June 30, 1896

179. TELEPHONY.—133. TELEPHONES—SYSTEMS—DIVIDED CENTRAL.

558,686	Hennessey, W. H -----	Apr. 21, 1896	561,335	Müller, K. B -----	June 2, 1896
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179. TELEPHONY.—187. TELEPHONES—SYSTEMS—HOUSE.

No.	NAME.	DATE.	No.	NAME.	DATE.
547,460	Shepard, F. D -----	Oct. 8, 1895	559,086	Smith, C. B -----	Apr. 28, 1896
547,897	Smith, J. A -----	Oct. 15, 1895	559,087	Smith, C. B -----	Apr. 28, 1896
547,942	Smith, J. G -----	Oct. 15, 1895	559,088	Smith, C. B -----	Apr. 28, 1896
556,034	Stone and Thompson -----	Mar. 10, 1896	559,874	Taylor, W. F -----	May 12, 1896
556,609	Anderson, I -----	Mar. 17, 1896			

179. TELEPHONY.—134. TELEPHONES—SYSTEMS—INTERMEDIATE SUBSTATION.

545,357	Gillette, W -----	Aug. 27, 1895	555,725	Hibbard, A. S -----	Mar. 3, 1896
552,420	Clarke, J. D -----	Dec. 31, 1895	557,898	Scribner, C. E -----	Apr. 7, 1896
554,656	Colvin, F. R -----	Feb. 18, 1896	559,869	Scribner, C. E -----	May 12, 1896
555,222	Nixon, W. H -----	Feb. 25, 1896	561,498	Dean, W. W -----	June 2, 1896

179. TELEPHONY.—135. TELEPHONES—SYSTEMS—MULTIPLE SWITCHBOARD.

557,527	Farnham, I. H -----	Mar. 31, 1896	562,009	Maxwell, G. S -----	June 16, 1896
560,275	Munro, D. M -----	May 19, 1896	562,012	Maxwell, G. S -----	June 16, 1896
561,417	Minnis, P -----	June 2, 1896	562,013	Maxwell, G. S -----	June 16, 1896
561,418	Minnis, P -----	June 2, 1896	563,245	Scribner, C. E -----	June 30, 1896
561,420	Minnis, P -----	June 2, 1896			

179. TELEPHONY.—136. TELEPHONES—SYSTEMS—MULTIPLE SWITCHBOARD—DIVIDED CENTRAL.

542,052	Hibbard, A. S -----	July 2, 1895	552,734	Wales and Spencer -----	Jan. 7, 1896
544,391	Sherwood, L. H -----	Aug. 13, 1895	552,735	Wales, T. C -----	Jan. 7, 1896
544,545	O'Connell, J. J -----	Aug. 13, 1895	559,366	Davis, J. P -----	May 5, 1896
544,546	O'Connell, J. J -----	Aug. 13, 1895	559,367	Davis, J. P -----	May 5, 1896
544,357	Scribner, C. E -----	Aug. 13, 1895			

179. TELEPHONY.—137. TELEPHONES—SYSTEMS—MULTIPLE SWITCHBOARD—TEST.

543,902	Scribner, C. E -----	Aug. 6, 1895	552,723	Scribner, C. E -----	Jan. 7, 1896
544,341	Bell, O. A -----	Aug. 13, 1895	552,724	Scribner, C. E -----	Jan. 7, 1896
544,354	Scribner, C. E -----	Aug. 13, 1895	552,725	Scribner, C. E -----	Jan. 7, 1896
544,385	Scribner, C. E -----	Aug. 13, 1895	554,399	Scribner, C. E -----	Feb. 11, 1896
544,386	Scribner, C. E -----	Aug. 13, 1895	557,708	Scribner, C. E -----	Apr. 7, 1896
544,901	O'Connell, J. J -----	Aug. 20, 1895	11,529	Kellogg, M. G ----- (Reis.)	Apr. 7, 1896
548,227	Scribner, C. E -----	Oct. 22, 1895	560,761	Stone, J. S -----	May 26, 1896
548,228	Scribner, C. E -----	Oct. 22, 1895	561,419	Minnis, P -----	June 2, 1896
551,056	Spencer and Wales -----	Dec. 10, 1895			

204. ELECTRO-CHEMISTRY.—49. BATTERIES—ANODES.

557,048	Brewer, H. J -----				Mar. 24, 1896
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204. ELECTRO-CHEMISTRY.—50. BATTERIES—CATHODES.

554,760	Willms, C -----	Feb. 18, 1896	561,205	Curtis, F. G -----	June 2, 1896
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204. ELECTRO-CHEMISTRY.—52. BATTERIES—CONNECTORS.

542,953	Alimonda von and Alimonda von.	July 16, 1895	556,544	Kohn, M. M -----	Mar. 17, 1896
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204. ELECTRO-CHEMISTRY.—34. BATTERIES—ONE-FLUID—ZINC.

548,415	Archer, F. M -----	Oct. 22, 1895	555,058	Slocum, E. L -----	Feb. 18, 1896
554,379	Slocum, E. L -----	Feb. 11, 1896	558,091	Morrison, W -----	Apr. 14, 1896
555,056	Slocum, E. L -----	Feb. 18, 1896	563,127	Boynton, E. S -----	June 30, 1896

204. ELECTRO-CHEMISTRY.—37. BATTERIES—ONE-FLUID—ZINC—CHROMATES.

No.	NAME.	DATE.	No.	NAME.	DATE.
550,039	Boynnton, E. S				Nov. 19, 1895

204. ELECTRO-CHEMISTRY.—38. BATTERIES—ONE-FLUID—ZINC—OXIDS.

542,049	Gordon, R. W	July 2, 1895	554,124	Hirlimann, C. J	Feb. 4, 1896
548,730	Todd, J. T	Oct. 29, 1895	555,304	Crowdus, W. A	Feb. 25, 1896
552,211	Thurnauer and Kohn	Dec. 31, 1895	555,303	Crowdus, W. A	Feb. 25, 1896
552,219	Williams, D. S	Dec. 31, 1895	557,355	Boynnton, E. S	Mar. 31, 1896
554,043	Williams and Hamrick	Feb. 4, 1896			

204. ELECTRO-CHEMISTRY.—39. BATTERIES—ONE-FLUID—ZINC—CHLORIDS.

554,759	Willms, C	Feb. 18, 1896	554,761	Willms, C	Feb. 18, 1896
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204. ELECTRO-CHEMISTRY.—41. BATTERIES—TWO-FLUID—ZINC.

553,719	Olan, J. W. Th	Jan. 28, 1896	557,779	Dusenbery, C. C	Apr. 7, 1896
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204. ELECTRO-CHEMISTRY.—42. BATTERIES—TWO-FLUID—ZINC—NITRATES.

554,247	Doc, W. S	Feb. 11, 1896	561,204	Curtis, F. G	June 2, 1896
554,427	Robinson, S. R. V	Feb. 11, 1896	561,878	Fogalsang, T. E	June 9, 1896

204. ELECTRO-CHEMISTRY.—43. BATTERIES—TWO-FLUID—ZINC—SULFATES.

543,855	McDonald and McDonald	Aug. 6, 1895	557,356	Boynnton, E. S	Mar. 31, 1896
562,019	Osgood, R. P	June 16, 1896	561,810	Ortner, G. J	June 9, 1896

204. ELECTRO-CHEMISTRY.—29. BATTERIES—SECONDARY.

543,055	Rooney, J. J	July 23, 1895	553,596	Ribbe, P. T	Jan. 23, 1896
543,372	Boettcher, E	July 23, 1895	553,831	Boucher, A. E. W	Feb. 4, 1896
543,680	Epstein, L	July 30, 1895	554,080	McElroy, J. F	Feb. 4, 1896
544,673	King, F	Aug. 20, 1895	554,414	Currie, S. C. C	Feb. 11, 1896
545,390	Timmis, I. A	Aug. 27, 1895	555,511	Jacques, W. W	Mar. 3, 1896
546,739	Johnsou and Robertson	Sept. 24, 1895	556,027	Samuels, I	Mar. 10, 1896
549,023	Rooney, J. J	Oct. 29, 1895	556,660	Buckland, W. A. B	Mar. 17, 1896
549,079	Rooney, J. J	Oct. 29, 1895	556,782	Sus-mann, M	Mar. 24, 1896
549,649	Moskowitz, M	Nov. 12, 1895	556,769	Pirsch, O	Mar. 24, 1896
549,899	Clamer, F. J	Nov. 19, 1895	557,920	Vetter, A. F	Apr. 7, 1896
550,480	Burkland, W. A. B	Nov. 26, 1895	560,272	Lloyd, R. Mc A	May 19, 1896
552,218	Williams, D. S	Dec. 31, 1895	561,872	Dormeal, G. de. Sde	June 9, 1896
552,220	Williams, D. S	Dec. 31, 1895	562,396	Gülcher, K. J	June 23, 1896
552,322	Kroty and Spencer	Dec. 31, 1895	562,776	Silvey, W. L	June 23, 1896
552,425	Faure and King	Dec. 31, 1895			

204. ELECTRO-CHEMISTRY.—53. BATTERIES—VESSELS.

550,167	Froggatt, T	Nov. 19, 1895	550,534	Schreuder, J. G	Nov. 26, 1895
550,533	Schreuder, J. G	Nov. 26, 1895			

204. ELECTRO-CHEMISTRY.—1. ELECTROLYSIS—AQUEOUS BATH.

541,986	Saunders, R. D	July 2, 1895	551,648	Pelatan and Clerici	Dec. 17, 1895
542,986	Bossard, J	July 23, 1895	554,795	Reynolds, D	Feb. 18, 1896
544,610	Clark, E. W	Aug. 13, 1895	555,452	Klein, I	Feb. 25, 1896
544,668	Englehard and Englehard	Aug. 20, 1895	558,176	Huber, P	Apr. 14, 1896
545,328	Wiggin, W. H	Aug. 27, 1895	559,255	Browne, D. H	Apr. 28, 1896
546,348	Rosenbaum, W. A	Sept. 17, 1895	562,304	Kilham, M	June 16, 1896
546,353	Sinding, A	Sept. 17, 1895	563,093	Szontagh and Schneider	June 30, 1896
550,403	Bridgman, H. L	Nov. 26, 1895			

204. ELECTRO-CHEMISTRY.—4. ELECTROLYSIS—AQUEOUS BATH—ANODES.

No.	NAME.	DATE.	No.	NAME.	DATE.
546,328	Hoepfner, C.-----	Sept. 17, 1895	546,483	Bridgman, H. L.-----	Sept. 17, 1895

204. ELECTRO-CHEMISTRY.—5. ELECTROLYSIS—AQUEOUS BATH—APPARATUS.

550,812	Allen, E. R.-----	Dec. 3, 1895	553,732	George, J. H.-----	Jan. 28, 1896
551,366	Jackson and Conradson-----	Dec. 10, 1895	556,038	Wilson, M. H.-----	Mar. 10, 1896
553,044	Sharpless, P. M.-----	Jan. 14, 1896			

204. ELECTRO-CHEMISTRY.—6. ELECTROLYSIS—AQUEOUS BATH—CATHODES.

554,243	Crump, S.-----				Feb. 11, 1896
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204. ELECTRO-CHEMISTRY.—9. ELECTROLYSIS—AQUEOUS BATH—CHEMICALS.

549,186	Craney, T.-----	Nov. 5, 1895	553,593	Otto and Verley-----	Jan. 28, 1896
551,361	Brown and Chaplin-----	Dec. 17, 1895	555,232	Brown and Chaplin-----	Feb. 25, 1896
552,895	Craney, T.-----	Jan. 14, 1896	557,324	Burton, G. D.-----	Mar. 31, 1896
552,955	Craney, T.-----	Jan. 14, 1896	557,325	Burton, G. D.-----	Mar. 31, 1896
553,464	Hermite, E.-----	Jan. 21, 1896	560,518	Meyrueis, J.-----	May 19, 1896
553,465	Hermite, E.-----	Jan. 21, 1896			

204. ELECTRO-CHEMISTRY.—11. ELECTROLYSIS—AQUEOUS BATH—DEPOLARIZING AND BURNISHING.

560,533	Lloyd, M. Perreur-----				May 19, 1896
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204. ELECTRO-CHEMISTRY.—15. ELECTROLYSIS—AQUEOUS BATH—ORES.

543,546	Fraser, E. J.-----	July 30, 1895	558,052	Encke and Frölich-----	Apr. 14, 1896
543,673	Crawford, M.-----	July 30, 1895	560,931	Rawson, W. S.-----	May 26, 1896
553,816	Pelatan and Clerici-----	Jan. 28, 1896	563,143	Douglass, J.-----	June 30, 1896
556,854	Leith, J.-----	Mar. 24, 1896	563,144	Douglass, J.-----	June 30, 1896

204. ELECTRO-CHEMISTRY.—22. ELECTROLYSIS—BLEACHING.

557,326	Burton, G. D.-----	Mar. 31, 1896	560,411	Kellner, C.-----	May 19, 1896
559,454	Kellner, C.-----	May 5, 1896			

204. ELECTRO-CHEMISTRY.—28. ELECTROLYSIS—DIAPHRAGMS.

543,162	Hargreaves and Bird-----				Oct. 15, 1895
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204. ELECTRO-CHEMISTRY.—19. ELECTROLYSIS—FUSED BATH.

559,729	Lorenz, R. O.-----	May 5, 1896	562,785	Schwahn, H. F. D.-----	June 23, 1896
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204. ELECTRO-CHEMISTRY.—21. ELECTROLYSIS—FUSED BATH—SODIUM.

542,057	Hulin, L. P.-----				July 2, 1895
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204. ELECTRO-CHEMISTRY.—24. ELECTROLYSIS—PURIFYING LIQUIDS.

543,249	Javanx and Gallois-----	July 23, 1895	558,970	Lugo and Jackson-----	Apr. 28, 1896
553,694	Smith, J. E.-----	Jan. 28, 1896			

204. ELECTRO-CHEMISTRY.—25. ELECTROLYSIS—PURIFYING LIQUIDS—WATER.

No	NAME.	DATE.	No.	NAME.	DATE.
546,844	Craney, T.	Sept. 24, 1895	552,413	Cabell, S. G.	Dec. 31, 1895
547,710	Cassard, J.	Oct. 8, 1895	552,414	Cabell, S. G.	Dec. 31, 1895
549,436	Cabell, S. G.	Nov. 5, 1895	560,685	Cabell, M. S.	May 26, 1896
552,412	Cabell, S. G.	Dec. 31, 1895			

204. ELECTRO-CHEMISTRY.—31. SYNTHESIS.

551,461	Clarke, W. C.	Dec. 17, 1895	555,796	Whitehead, C.	Mar. 3, 1896
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204. ELECTRO-CHEMISTRY.—32. SYNTHESIS—OZONE.

562,402	King and Wyatt				June 23, 1896
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75. METALLURGY.—178. FURNACES—ELECTRIC.

556,626	Girard and Street	Mar. 17, 1896	562,400	King and Wyatt	June 23, 1896
558,357	Conley, M. R.	Apr. 14, 1896	562,403	King and Wyatt	June 23, 1896

37. FENCES.—38. GATES—ELECTRIC.

550,649	Small, J. F.	Dec. 3, 1895	556,797	Zuelke, C. L.	Mar. 24, 1896
553,541	Reynolds, G. A.	Jan. 28, 1896	557,497	Dyett, F. J.	Mar. 31, 1896
556,183	Haberthur, B.	Mar. 10, 1896			

47. TREES, PLANTS, AND FLOWERS.—37. TREATMENT—IMPLEMENTS.

546,682	Scheibe, A.				Sept. 24, 1895
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104. RAILWAYS.—12. SWITCHES.

545,870	Baldwin, R. A.				Sept. 10, 1895
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104. RAILWAYS.—24. SWITCHES—TRAMWAY.

549,129	Howe, E. S.				Nov. 5, 1895
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200. TOWERS.—3. TELEGRAPH POLES.

545,901	Mannesmann, R.				Sept. 10, 1895
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41. FINE ARTS.—8. ENGRAVING MACHINES.

549,146	Molyneaux, B. S.	Nov. 5, 1895	549,147	Molyneaux, B. S.	Nov. 5, 1895
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84. MUSIC.—81. ELECTRIC ACTIONS.

544,322	Reichardt, H. C.	Aug. 13, 1895	547,568	Votey and Fleming	Oct. 8, 1895
546,582	Davis, G. H.	Sept. 17, 1895	549,916	Hedgeland, F. W.	Nov. 19, 1895
546,834	Votey, E. S.	Sept. 24, 1895	560,679	Breed, G.	May 26, 1896
547,071	Hedgeland, F. W.	Oct. 1, 1895	561,881	Geary and Schmidt	June 9, 1896
547,072	Hedgeland, F. W.	Oct. 1, 1895			

138. HYDRAULIC-MOTORS.—3. ROTARY.

550,467	Westinghouse, G.				Nov. 26, 1895
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187. ELEVATORS.—1. ELECTRIC.

No.	NAME.	DATE.	No.	NAME.	DATE.
548,830	Herdman, F. E.-----	Oct. 29, 1895	558,450	Cutler, C. J.-----	Apr. 14, 1896
549,542	Smith, R. H.-----	Nov. 12, 1895			

206. METAL WELDING.—8. METAL WORKING.

553,923	Lemp, H.-----	Feb. 4, 1896	556,426	Lemp and Lewis-----	Mar. 17, 1896
555,131	Thomson, E.-----	Feb. 25, 1896	558,480	Burton, G. D.-----	Apr. 21, 1896
555,403	Savoy, H. J.-----	Feb. 25, 1896	560,366	Payne, D. W.-----	May 19, 1896

194. COIN-CONTROLLED APPARATUS.—14. INDUCTION COILS.

560,423	Peirce, J. A.-----				May 19, 1896
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194. COIN-CONTROLLED APPARATUS.—25. TELEPHONES.

549,304	Alexander, S.-----	Nov. 5, 1895	553,361	Root, H. C.-----	Jan. 21, 1896
550,204	Thompson, G. K.-----	Nov. 19, 1895			

140. WIRE WORKING.—10. FABRICS—MAKING.

549,275	Orr and Orr.-----				Nov. 5, 1895
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81. METAL WORKING TOOLS.—25. PLIERS.

546,361	Tackaberry, R. D.-----				Sept. 17, 1895
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18. CAOUTCHOUC AND MINOR PLASTICS.—17. INSULATING COMPOUNDS.

542,462	Brown, J. O.-----	July 9, 1895	559,376	Gentzsch, A.-----	May 5, 1896
549,254	Peterson, C. F.-----	Nov. 5, 1895			

25. CLAY AND POTTERY.—17. TILE MACHINES—ELECTRIC.

545,976	Ransome, E. L.-----				Sept. 10, 1895
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101. PRINTING.—128. RULING MACHINES—ELECTRIC

559,190	McAdams, J.-----				Apr. 28, 1896
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121. STEAM ENGINES.—47. BELL-RINGER.

543,250	Jennings, S. A.-----				July 23, 1895
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121. STEAM ENGINES.—23. SPEED GOVERNORS.

545,599	Libbey, W. S.-----	Sept. 3, 1895	549,874	Larson, C. W.-----	Nov. 12, 1896
549,815	Parsons, C. A.-----	Nov. 12, 1895			

136. STEAM ENGINE VALVES.—15. THROTTLE—ELECTRIC.

544,867	Silverwood and Fraser-----	Aug. 20, 1895	552,811	Batchelor, J. F.-----	Jan. 7, 1896
548,280	Wood and Miller-----	Oct. 22, 1895			

126. STOVES AND FURNACES.—116. DAMPERS—ELECTRIC.

No.	NAME.	DATE.	No.	NAME.	DATE.
544,015	Underhill and Glantyberg ---	Aug. 6, 1895	551,959	HaJe, C. A -----	Dec. 24, 1895
551,427	Wilcox, W. W -----	Dec. 17, 1895	558,453	Gillette, H -----	Apr. 14, 1896
551,951	Fortier, C. L -----	Dec. 24, 1895			

126. STOVES AND FURNACES.—117. HEATERS—ELECTRIC.

543,800	Davis, J. R -----	July 30, 1895	556,524	Williamson, Collins and Gra-	Mar. 17, 1896
549,152	Pogue, G. D -----	Nov. 5, 1895		ham.	
550,866	Chaplet, F -----	Dec. 1, 1895	558,714	Bradley, C. S -----	Apr. 21, 1896
551,014	Vincent, J. A -----	Dec. 10, 1895	559,223	Jenny, F. W. Schindler -----	Apr. 28, 1896
554,632	Kraemer and Kruger -----	Feb. 11, 1896	562,527	Hadaway and Davis -----	June 23, 1896
555,259	McElroy, J. F -----	Feb. 25, 1896			

126. STOVES AND FURNACES.—133. HEATING SYSTEMS—STEAM.

549,664	Yargen, H. T -----				Nov. 12, 1895
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70. LOCKS AND LATCHES.—50. LOCKS—ELECTRIC.

542,268	Martin, M -----	July 9, 1895	545,664	Von Zweigbergh, T -----	Sept. 3, 1895
545,020	Hollar, Weaver and Kennedy -	Aug. 20, 1895	559,308	Palmer, R. A -----	Apr. 28, 1896
545,021	Hollar, Weaver and Kennedy -	Aug. 20, 1895			

58. HOROLOGY.—25. CLOCKS—ELECTRIC.

543,358	Spellier, L. H -----	July 23, 1895	555,090	Gregory, F. L -----	Feb. 25, 1896
543,707	Scales, W. S -----	July 30, 1895	555,313	Fischer, S -----	Feb. 25, 1896
547,358	Prentiss, H. S -----	Oct. 1, 1895	556,428	Luxmoire, J. P -----	Mar. 17, 1896
549,715	Frauke, A -----	Nov. 12, 1895	559,889	Franklin and Fletcher -----	May 12, 1896
550,822	Crook, C. M -----	Dec. 3, 1895	560,076	Bastos, A. A. C. -----	May 12, 1896
550,959	Franklin and Franklin -----	Dec. 10, 1895	561,943	Mitchell, R. A -----	June 9, 1896
551,372	Frick, F -----	Dec. 17, 1895			

58. HOROLOGY.—15. TIME ALARMS.

546,016	Kist, W -----	Sept. 10, 1895	554,083	Ougley, E. E -----	Feb. 4, 1896
549,038	Watters, L. H -----	Oct. 29, 1895	555,847	Bracket, G. F -----	Mar. 3, 1896

58. HOROLOGY.—16. TIME CHECKS.

545,696	Jardine, C. K -----				Sept. 3, 1895
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58. HOROLOGY.—31. TIME LAMP LIGHTERS.

546,674	McLaughlin, J. F -----				Sept. 24, 1895
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73. MEASURING INSTRUMENTS.—3. BALANCES.

11,503	Wood, C. F -----			(Reis.)--	July 9, 1895
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73. MEASURING INSTRUMENTS.—101. BALANCES—ELECTRICAL ATTACHMENTS.

544,745	Nutting, L. H -----	Aug. 20, 1895	556,258	Doble and Watson -----	Mar. 10, 1896
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73. MEASURING INSTRUMENTS.—100. BALANCES—RECORDING.

546,700	Kean, T. J -----				Sept. 24, 1895
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73. MEASURING INSTRUMENTS.—7. CALCULATORS.

No.	NAME.	DATE.	No.	NAME.	DATE.
546,553	Porter, W. C -----				Sept. 17, 1895

73. MEASURING INSTRUMENTS.—105. CALIPERS—DIAL.

549,444	Dailey, C. E -----				Nov. 5, 1895
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73. MEASURING INSTRUMENTS.—71. LEVELS—PLUMB.

546,501	Zanger, T -----				Sept. 17, 1895
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83. MILLS.—65. AMALGAMATORS—ELECTRIC.

545,595	Rumble, A. C -----	Oct. 22, 1895	563,119	Austin, F. B -----	June 30, 1896
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125. STONE WORKING.—14. MINING-MACHINES.

545,569	Bliss, H. H -----				Sept. 3, 1895
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123. AIR AND GAS ENGINES.—3. EXPLOSIVE.

546,238	Mead, F. S -----				Sept. 10, 1895
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67. LAMPS AND GAS FITTINGS.—73. STREET-LIGHT HANGERS.

554,245	Dempsey, J -----	Feb. 11, 1896	559,066	Shickluna, J. J -----	Apr. 21, 1896
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67. LAMPS AND GAS FITTINGS.—68. REFLECTORS—SIDE.

549,201	Klein, C. J -----				Nov. 5, 1895
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67. LAMPS AND GAS FITTINGS.—112. SHADE-SUPPORTS—DROP.

549,577	Moyer, G. L -----				Nov. 12, 1895
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197. TYPE-WRITING MACHINES.—6. ELECTRICAL.

553,173	McLaughlin, J. F -----	Jan. 14, 1896	560,572	Davis, G. H -----	May 19, 1896
553,174	McLaughlin, J. F -----	Jan. 14, 1896	560,573	Davis, G. H -----	May 19, 1896
554,594	Garber, J. L -----	Feb. 11, 1896			

46. GAMES AND TOYS.—49. TOYS—ELECTRIC.

550,070	Fall, A. W -----	Nov. 19, 1895	555,181	Prentice, J. F -----	Feb. 25, 1896
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188. RAILWAY-BRAKES.—36. ELECTRIC.

543,351	Potter, W. P -----	July 23, 1895	547,847	Cravath, J. R -----	Oct. 15, 1895
545,498	Hedenberg, W. L -----	Sept. 3, 1895	551,785	Potter, W. B -----	Dec. 24, 1895
546,120	Koedding, W -----	Sept. 10, 1895	555,585	Potter, W. B -----	Mar. 3, 1896
546,247	Potter, W. B -----	Sept. 10, 1895			

188. RAILWAY BRAKES.—37. MAGNETIC CLUTCH—WINDING-DRUM.

555,562	Henny, J. C -----				Mar. 3, 1896
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188. RAILWAY-BRAKES.—38. ELECTRIC—MAGNETIC SHOES.

No.	NAME.	DATE.	No.	NAME.	DATE.
542,309	Potter, W. B -----	July 9, 1895	548,331	Walker, O. S -----	Oct. 22, 1895

188. RAILWAY-BRAKES.—39. ELECTRIC—SOLENOID-OPERATED.

548,509	Black, J. L -----	Oct. 22, 1895	548,510	Black, J. L -----	Oct. 22, 1895
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188. RAILWAY-BRAKES.—4. FLUID-PRESSURE—ELECTRIC.

549,094	Amrock, E. S -----	Nov. 5, 1895	555,376	Hunt, H. E -----	Feb. 25, 1896
555,075	Chapsal, F -----	Feb. 25, 1896			

105. RAILWAY ROLLING-STOCK.—17. LOCOMOTIVES—ELECTRIC.

555,392	Neer, H. M -----	Feb. 25, 1896	561,224	Henry, J. C -----	June 2, 1896
558,953	Hoffmann, E. W. G. C -----	Apr. 28, 1896	561,395	Henszey, W. P -----	June 2, 1896
11,542	Henry, J. C ----- (Reis.)	May 26, 1896	561,769	Deau and Snyder -----	June 9, 1896
11,543	Henry, J. C ----- (Reis.)	May 26, 1896	562,398	Henry, J. C -----	June 23, 1896

105. RAILWAY ROLLING-STOCK.—160. MOTORS—SANDING DEVICES.

549,642	Heysing, I. W -----				Nov. 12, 1895
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105. RAILWAY ROLLING-STOCK.—239. ELECTRIC-MOTOR—BOGIES.

547,476	Brill and Adams -----	Oct. 8, 1895	562,884	Canfield, C. E -----	June 30, 1896
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105. RAILWAY ROLLING-STOCK.—240. ELECTRIC-MOTOR—EQUALIZING-LEVERS.

560,155	Curtis, E. A -----	May 12, 1896	562,406	Meek, M. E -----	June 23, 1896
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105. RAILWAY ROLLING-STOCK.—242. ELECTRIC-MOTOR—RIGID-FRAME.

547,472	Adams, W. S -----	Oct. 8, 1895	555,530	Peckham, E -----	Mar. 3, 1896
550,393	Hirt, L. J. -----	Nov. 26, 1895	556,289	Sutton, W. -----	Mar. 10, 1896
551,047	Robinson, W. -----	Dec. 10, 1895	557,535	Baker, C. F -----	Apr. 7, 1896
551,963	Henry, D. F -----	Dec. 24, 1895	560,816	Peckham, E -----	May 26, 1896
553,297	Baker, W. S. G -----	Jan. 21, 1896	561,530	Taylor, J. -----	June 2, 1896
553,298	Baker, W. S. G -----	Jan. 21, 1896	563,189	Lacy, G. W -----	June 30, 1896
555,529	Peckham, E -----	Mar. 3, 1896	562,579	Cliff, E -----	June 23, 1896

APPENDIX No. XV.

PART II.

CONSISTING OF A

NUMERICAL AND CHRONOLOGICAL INDEX OF ALL PATENTS

RELATING TO

ELECTRICITY.

Issued from July 1, 1895, to June 30, 1896, inclusive, giving names of inventors,
number and dates of patents, and the sub-class to which each belongs.

NUMERICAL INDEX

OF

PATENTS RELATING TO ELECTRICITY

FROM JULY 1, 1895, TO JUNE 30, 1896.

No.	NAME.	CLASS.	DATE.
541,838	Cunningham, P.	Connectors	July 2, 1895
541,854	Hicks, T. H.	Magneto electric, bipolar	July 2, 1895
541,919	Collins, H. B.	Magneto electric, brushes and holders	July 2, 1895
541,921	Downes, L. W.	Conductors	July 2, 1895
541,929	Greer, R.	Lights, incandescent	July 2, 1895
541,949	Roome, W. G.	Railway signals, sectional rail	July 2, 1895
541,967	Delaney, P. B.	Telegraphy, automatic	July 2, 1895
541,969	Haensgen, F. W.	Railways, conductor supports and insulators	July 2, 1895
541,986	Sanders, R. D.	Electrolysis, aqueous bath	July 2, 1895
541,994	Davis, M. M.	Telegraphy, duplex	July 2, 1895
541,998	Gartner, A.	Connectors	July 2, 1895
542,002	McDonald, W. D.	Railways, systems, overhead trolleys	July 2, 1895
542,030	Rowand, L. G.	Lighting systems, safety	July 2, 1895
542,036	Adams, T. E.	Railways, electric locomotives	July 2, 1895
542,049	Gordon, R. W.	Batteries, galvanic	July 2, 1895
542,052	Hibbard, A. S.	Telephones, systems, multiple switch-board, divided central	July 2, 1895
542,057	Hulin, L. P.	Electrolysis, fused bath sodiums	July 2, 1895
542,066	Scribner, C. E.	Telephones, systems, central	July 2, 1895
542,074	Brombacker, E.	Telegraphy, fire, variable signal, dial	July 2, 1895
542,105	Pressley, L. C.	Railways, sectional conductor, magnetic closers	July 2, 1895
542,142	Browne, D. L. V.	Alarms	July 2, 1895
542,164	Lavalle and Lavalle	Railways, systems, closed conduit	July 2, 1895
542,191	Halsey, E. S.	Telephones, magnetic	July 2, 1895
542,210	Snowden, E. P.	Lights, arc, special features	July 2, 1895
542,225	Ball and Lieb	Railways, conductor supports and insulators	July 9, 1895
542,240	Cox, F. P.	Meters	July 9, 1895
542,249	Gilliland, J. F.	Telephones, systems, central	July 9, 1895
542,255	Holden, F.	Galvanometers	July 9, 1895
542,262	Kellogg, M. G.	Telephones, systems	July 9, 1895
542,268	Martin, M.	Locks and latches, locks, electric	July 9, 1895
542,279	Pickering, B.	Arc lights, special features	July 9, 1895
542,295	Thomson, E.	Inductariums, transformers, stationary	July 9, 1895
542,309	Potter, W. B.	Railway brakes, magnetic shoes	July 9, 1895
542,406	Bradt, W. H.	Alarms	July 9, 1895
542,434	Buins, L.	Railways, systems, conduit	July 9, 1895
542,444	Hughes, C. C.	Telephones, multiple electrode	July 9, 1895
542,459	Beckwith, S. R.	Medical and surgical, body wear	July 9, 1895
542,462	Brown, J. O.	Insulating material	July 9, 1895
542,471	Golden, W. E.	Medical and surgical, bath	July 9, 1895
542,457	Moskowitz, M.	Regulation compound, winding	July 9, 1895
542,490	Nutting, S. E.	Lights, arc, gravity-feed gear clutch	July 9, 1895
542,508	Van Tuyl, A. P.	Medical and surgical, electrodes	July 9, 1895
542,512	Wilson, R. B.	Railways, sectional conductors, magnetic closers	July 9, 1895
542,543	Thomas, G. L.	Railway signals	July 9, 1895
542,550	Brown, G. M.	Railway signals, cab, sectional rail	July 9, 1895
542,589	Hildebrandt and Hildebrandt	Lights, arc, special features	July 9, 1895
542,591	Lynde, C. C.	Railway systems, overhead trolleys	July 9, 1895
11,503	Wood, C. F.	(Reis.) Measuring instruments, balances	July 9, 1895
542,617	Arnold, C. H.	Telephones, relays and repeaters	July 16, 1895
542,615	Arnold, C. H.	do	July 16, 1895
542,619	Arnold, C. H.	do	July 16, 1895
542,625	Cabiran, H. F.	Lights, filaments and carbons	July 16, 1895
542,638	Griffin, A. J.	Railway signals, block systems	July 16, 1895
542,640	Handy, W. W.	Regulators, engines, control	July 16, 1895
542,642	Heyman, C.	Alarms	July 16, 1895
542,643	Heyman, C.	do	July 16, 1895
542,657	Richards, W. L.	Telephones, relays and repeaters	July 16, 1895
542,658	Richards, W. L.	do	July 16, 1895
542,662	Thomson and Harthan	Lights, arc, gravity feed gear clutch	July 16, 1895
542,663	Thomson, E.	Galvanometers	July 16, 1895

No.	NAME.	CLASS.	DATE.
542,664	Thomson, E	Annunciators, drop	July 16, 1895
542,667	Wightman, M. J	Motors, hand operating devices	July 16, 1895
542,670	Wood and Miller	Railway signals, cab sectional rail	July 16, 1895
542,697	Vanderpool, A. A	Telegraphy, circuit closers, burglar	July 16, 1895
542,699	Wetherbee, F. B	Railway signals, sectional rail	July 16, 1895
542,713	Orell, L. C	Cut-outs, thermal	July 16, 1895
542,761	Gordon, A. C	Railway signals, sectional rail	July 16, 1895
542,769	Keeler, T. B	do	July 16, 1895
542,771	Moskowitz, M	Lighting systems, car	July 16, 1895
542,772	Moskowitz, M	Lighting systems, secondary battery	July 16, 1895
542,773	Moskowitz, M	Lighting systems, car	July 16, 1895
542,775	McCoy, J. R	Telegraphy, circuit closers, thermal	July 16, 1895
542,783	Snapp, J. F	do	July 16, 1895
542,822	Carbonelle, H	Telephones, granular	July 16, 1895
542,833	Olson, J. W	Annunciators, drop	July 16, 1895
542,848	Eyanson, G. T	Cut-outs, mechanical, oscillating snap	July 16, 1895
542,913	Arnold, C. H	Telephones, relays and repeaters	July 16, 1895
542,916	Baquet, A. B. Y	Railway signals, cab sectional rail	July 16, 1895
542,924	Case, C. F	Conductors, house wiring	July 16, 1895
542,926	Clarke, W. J	Annunciators	July 16, 1895
542,928	Crandall, L. S	Lighting systems, display	July 16, 1895
542,945	Rowland, H. A	Meters	July 16, 1895
542,953	Alimonda von and Alimonda von	Batteries, galvanic	July 16, 1895
542,959	Grier, H. G	Igniting devices, automatic	July 16, 1895
542,968	Steinmetz and Armstrong	Regulators, alternating	July 16, 1895
542,979	Von Siemens, G	Lighting systems, automatic regulation	July 16, 1895
542,982	Acheson, E. G	Lights, filaments and carbons	July 23, 1895
542,986	Bossard, J	Electrolysis, aqueous bath	July 23, 1895
543,000	Edgerton, E. M	Annunciators, time	July 23, 1895
543,003	Elter, J. R	Inductoriums, induction coils	July 23, 1895
543,016	Heath, E. H	Lights, sockets and keys	July 23, 1895
543,021	Hooker, T	Magneto electric, bipolar	July 23, 1895
543,042	Mitchell, C	Railways, systems, overhead trolleys	July 23, 1895
543,055	Rooney, J. J	Batteries, secondary	July 23, 1895
543,063	Stack, J. T	Telegraphy, fire, noninterfering	July 23, 1895
543,086	Donovan, J	Indicators	July 23, 1895
543,089	Gutmann, L	Meters	July 23, 1895
543,103	Rolfe, C. A	Telegraphy, fire	July 23, 1895
543,104	Rolfe, C. A	do	July 23, 1895
543,106	Scribner, C. E	Telephones, systems	July 23, 1895
543,130	Giunchio and Bridger	Railways, sectional conductor, mechanical closers	July 23, 1895
543,160	Shibata, W. J	Telephones, systems, automatic	July 23, 1895
543,186	Knight, J. C	Lights, arc, special features	July 23, 1895
543,190	Paige, A. E	Telephones, electric	July 23, 1895
543,198	Thomson and Rice	Cut-outs, thermal	July 23, 1895
543,223	Trudeau, J. A. G	Motors, alternating	July 23, 1895
543,231	Ewing, T	Telephones, automatic	July 23, 1895
543,241	Gump, W. E	do	July 23, 1895
543,243	Higham, D	Arc lights, gravity feed, ring clutch	July 23, 1895
543,249	Javaux and Gallois	Electrolysis, purifying liquids	July 23, 1895
543,250	Jennings, S. A	Steam, engines, bell ringers	July 23, 1895
543,271	Seelye, L. C	Railway systems, overhead trolleys	July 23, 1895
543,280	Westinghouse, G., jr	Lights, sockets and keys	July 23, 1895
543,313	Patrick, Z. E	Telephones, granular	July 23, 1895
543,322	Stewart, J. B	Railways, signals, sectional rail	July 23, 1895
543,328	Bertels, C. E	Telephones, supports	July 23, 1895
543,336	Custodis, A	Indicators	July 23, 1895
543,346	Mosher, J. A	Inductoriums, transformers, stationary	July 23, 1895
543,351	Potter, W. P	Railway brakes, brakes electric	July 23, 1895
543,352	Potter, W. P	Motors, hand operating devices	July 23, 1895
543,355	Sage, H. J	Lights, arc, gravity feed, gear clutch	July 23, 1895
543,357	Sherman, R. E	Railways, telepher and towing	July 23, 1895
543,358	Spellier, L. H	Clocks, electric	July 23, 1895
543,364	Wirt, H. C	Lighting systems, test	July 23, 1895
543,372	Boettcher, E	Batteries, secondary	July 23, 1895
543,382	Henry, J. C	Railways, systems, distribution	July 23, 1895
543,383	Hicks, T. H	Magneto electric, bipolar	July 23, 1895
543,399	Nutting, A. E	Lights, arc, gravity feed, gear clutch	July 23, 1895
543,409	Stuebner, H	Cut-outs, mechanical oscillating snap	July 23, 1895
543,425	Robertson, J. H	Telegraphy, automatic	July 23, 1895
543,426	Robertson, J. H	do	July 23, 1895
543,427	Robertson, J. H	do	July 23, 1895
543,428	Robertson, J. H	do	July 23, 1895
543,429	Robertson, J. H	do	July 23, 1895
543,435	Bouta, A. K	Electric locomotives, electric control	July 23, 1895
543,445	Jandus, W	Lights, arc, gravity feed clutch	July 23, 1895

No.	NAME.	CLASS.	DATE.
543,490	Lamarche, R.	Telephones, details	July 30, 1895
543,495	Mailloux, C. O.	Motive power, elevators	July 30, 1895
543,502	Nutting, S. E.	Lights, arc, gravity feed, gear clutch	July 30, 1895
543,523	Fiske, J. P. B.	Regulators, resistances	July 30, 1895
543,524	Fiske, J. P. B.	do	July 30, 1895
543,525	Fiske, J. P. B.	Motors	July 30, 1895
543,529	Hooper, G. W.	Railways, systems, overhead trolleys	July 30, 1895
543,546	Fraser, E. J.	Electrolysis, aqueous bath, ores	July 30, 1895
543,559	O'Connell, J. J.	Telephones, systems, central	July 30, 1895
543,564	Stark, E. E.	Regulators, alternating	July 30, 1895
543,591	Dixon, T. B.	Railway signals, sectional rail	July 30, 1895
543,592	Dixon, T. B.	do	July 30, 1895
543,593	Dixon, T. B.	Railway signals, block systems	July 30, 1895
543,594	Dixon, T. B.	Railway signals, sectional rail	July 30, 1895
543,595	Dixon, T. B.	do	July 30, 1895
543,596	Dixon, T. B.	do	July 30, 1895
543,597	Dixon, T. B.	Railway signals, track instruments	July 30, 1895
543,613	Cummings, J. F.	Conductors, underground	July 30, 1895
543,616	Dunstan, G.	Lights, incandescent, special features	July 30, 1895
543,626	Libbey, H. W.	Telephones, details	July 30, 1895
543,670	Case, F. E.	Motors, hand-operating devices	July 30, 1895
543,673	Crawford, M.	Electrolysis, aqueous bath, ores	July 30, 1895
543,680	Epstein, L.	Batteries, secondary	July 30, 1895
543,707	Scales, W. S.	Clocks, electric	July 30, 1895
543,708	Shibata, W. J.	Telephones, systems, automatic	July 30, 1895
543,721	Blackey, E.	Railway signals	July 30, 1895
543,729	Harrhan, C. E.	Lights, arc, gravity feed, gear clutch	July 30, 1895
543,743	Lyndon, L.	Telegraphy, circuit closers, thermal	July 30, 1895
543,785	Schreuder, J. G.	Railway signals, sectional rail	July 30, 1895
543,793	Yongg, J. V.	do	July 30, 1895
543,798	Burchell, N. L.	Telephones, supports	July 30, 1895
543,800	Davis, J. R.	Heaters, electric	July 30, 1895
543,836	Arnold, E.	Motors, alternating starters	Aug. 6, 1895
543,843	Bigger, J. S.	Telephones, relays and repeaters	Aug. 6, 1895
543,855	Denison, F. N.	Motors, hand-operating devices	Aug. 6, 1895
543,865	Harris, J.	Meters	Aug. 6, 1895
543,867	Heysinger, I. W.	Railways, systems, conduit	Aug. 6, 1895
543,879	Ludlow, F. K.	Telegraphy, fire, automatic	Aug. 6, 1895
543,885	McDonald and McDonald	Batteries, galvanic	Aug. 6, 1895
543,892	Potter, W. B.	Telegraphy, lightning arresters	Aug. 6, 1895
543,895	Sayers, W. B.	Magneto-electric, armatures, drum	Aug. 6, 1895
543,900	Scribner, C. E.	Lights, arc, gravity feed, double dog clutch	Aug. 6, 1895
543,901	Scribner, C. E.	Telephones, systems, central	Aug. 6, 1895
543,902	Scribner, C. E.	Telephones, systems, multiple switch board, test	Aug. 6, 1895
543,907	Steinmetz, C. P.	Motors, alternating, condensers	Aug. 6, 1895
543,917	Beswick, J. T.	Conductors	Aug. 6, 1895
543,933	Henry, J. C.	Telegraphy, railway, car	Aug. 6, 1895
543,950	Thomson, E.	Systems of distribution	Aug. 6, 1895
543,960	Gray, G.	Telephones, anti-induction	Aug. 6, 1895
543,963	Landers, C.	Motors, hand-operating devices	Aug. 6, 1895
543,965	McCabe, B.	Alarms, aqueoreal	Aug. 6, 1895
543,966	Nutt, W.	Railway signals, track instruments	Aug. 6, 1895
543,975	Bradley, C. S.	Telegraphy, condensers	Aug. 6, 1895
543,984	Dixon, T. B.	Telegraphy, multiplex	Aug. 6, 1895
543,985	Edison, T. A.	Lights, filaments and carbons	Aug. 6, 1895
543,986	Edison, T. A.	do	Aug. 6, 1895
543,987	Edison, T. A.	do	Aug. 6, 1895
544,015	Underhill and Glantzyberg	Stoves and furnaces, dampers, electrical	Aug. 6, 1895
544,024	Bramwell, C. C.	Annunciators	Aug. 6, 1895
544,034	Gavin, E. F.	Lighting systems, display	Aug. 6, 1895
544,037	Harper, T.	Railways, systems, converters	Aug. 6, 1895
544,047	Meissner, W. O.	Rheostats	Aug. 6, 1895
544,056	Thomas and Thomas	Railways, systems, conduit	Aug. 6, 1895
544,065	Mosher, J. A.	Lights, arc and incandescent	Aug. 6, 1895
544,094	Greene, W. J.	Systems of distribution	Aug. 6, 1895
544,107	Moore, L.	Bells	Aug. 6, 1895
544,115	Polk, W. R.	Motors, hand-operating devices	Aug. 6, 1895
544,123	Polfe, C. A.	Telegraphy, fire, automatic	Aug. 6, 1895
544,157	Conway, J.	Railways, systems, overhead trolleys	Aug. 6, 1895
544,198	Taylor, F.	Railways, systems, conduit	Aug. 6, 1895
544,209	Claret and Williams	Railways, sectional conductor, magnetic closers	Aug. 6, 1895
544,236	Pohlman, W. J.	Motors, hand-operating devices	Aug. 6, 1895
544,261	Lundell, R.	Motors, alternating	Aug. 6, 1895
544,266	Fatham, J.	Inductariums, induction coils	Aug. 6, 1895
544,278	Badt, F. B.	Rheostats	Aug. 13, 1895

No.	NAME.	CLASS.	DATE.
544,283	Capps, F. L.	Railways, sectional conductors, mechanical closers	Aug. 13, 1895
544,289	Currie, S. C. C.	Regulators, counter-electromotive force	Aug. 13, 1895
544,306	Just, P. C.	Railways, systems, conduit	Aug. 13, 1895
544,312	Law, M. D.	do	Aug. 13, 1895
544,313	Love, J. C.	do	Aug. 13, 1895
544,318	Melzer, J.	Cut-outs, thermal	Aug. 13, 1895
544,322	Reichardt, H. C.	Miscellaneous, electric actions	Aug. 13, 1895
544,329	Wait, H. H.	Magneto-electric	Aug. 13, 1895
544,332	Warner, E. P.	Galvanometer	Aug. 13, 1895
544,335	Whitney, F. R.	Telephones, switches	Aug. 13, 1895
544,341	Bell, O. A.	Telephones, systems, multiple switch board, tests	Aug. 13, 1895
544,345	Buckingham, L. L.	Telegraphy, printing	Aug. 13, 1895
544,346	Buckingham, L. L.	do	Aug. 13, 1895
544,347	Buckingham, L. L.	do	Aug. 13, 1895
544,348	Buckingham, L. L.	do	Aug. 13, 1895
544,351	Dixon, T. B.	Telegraphy, relays and sounders	Aug. 13, 1895
544,358	Junker, G. J.	Magneto-electric, brushes and holders	Aug. 13, 1895
544,361	Loveridge, F. H.	Regulators, brush adjustment	Aug. 13, 1895
544,363	Martin and Morris	Telegraphy, circuit closers	Aug. 13, 1895
544,365	Mershon, R. D.	Galvanometers	Aug. 13, 1895
544,368	McBerty, F. R.	Cut-outs, thermal	Aug. 13, 1895
544,369	McBerty, F. R.	Connectors	Aug. 13, 1895
544,370	McBerty, F. R.	Telephones, systems, central	Aug. 13, 1895
544,372	Patterson, W. R.	Conductors	Aug. 13, 1895
544,383	Scribner, C. E.	Telephones, systems	Aug. 13, 1895
544,384	Scribner, C. E.	Telephones, systems, multiple switch board, test	Aug. 13, 1895
544,385	Scribner, C. E.	do	Aug. 13, 1895
544,386	Scribner, C. E.	do	Aug. 13, 1895
544,387	Scribner, C. E.	Telephones, systems, multiple, switch board, divided central	Aug. 13, 1895
544,388	Scribner, C. E.	Annunciators, drop	Aug. 13, 1895
544,391	Sherwood, L. H.	Telephones, systems, multiple switch board, divided central	Aug. 13, 1895
544,396	Thomson, E.	Railways, systems, conduit	Aug. 13, 1895
544,417	Pyott, L. T.	Magneto-electric, armatures, ring	Aug. 13, 1895
544,419	Rodriguez and Rockwell	Conductors	Aug. 13, 1895
544,430	Froggatt, T.	Railways, systems, batteries	Aug. 13, 1895
544,436	Hutchins, A. E.	Cut-outs, hangers	Aug. 13, 1895
544,501	Bullington, E. W.	Insulators	Aug. 13, 1895
544,502	Carmany, C. C.	Lights, incandescent, special features	Aug. 13, 1895
544,514	Orling, E.	Special applications, igniting devices, automatic	Aug. 13, 1895
544,529	Cunningham, R. H.	Lights, arc, positive feed	Aug. 13, 1895
544,530	Hallenger, T. N.	Conductors	Aug. 13, 1895
544,531	Hallenger, T. N.	do	Aug. 13, 1895
544,545	O'Connell, J. J.	Telephones, systems, multiple switch board, divided central	Aug. 13, 1895
544,546	O'Connell, J. J.	do	Aug. 13, 1895
544,552	Wiles, J. E.	Medical and surgical	Aug. 13, 1895
544,567	Dean, W. W.	Telephones, systems, central	Aug. 13, 1895
544,578	Haines and Fernald	Lights, arc, gravity feed, gear clutch	Aug. 13, 1895
544,579	Haines and Fernald	do	Aug. 13, 1895
544,610	Clark, E. W.	Electrolysis, aqueous bath	Aug. 13, 1895
544,633	Warner, E. P.	Regulators, brush adjustment	Aug. 13, 1895
544,634	Webb, F. A.	Special application, igniting devices, manual	Aug. 13, 1895
544,644	Rolfe, C. A.	Telegraphy, Morse register	Aug. 13, 1895
544,647	Alsop, C. R.	Railway signals, block	Aug. 20, 1895
544,668	Englehard and Englehard	Electrolysis, aqueous bath	Aug. 20, 1895
544,673	King, F.	Batteries, secondary	Aug. 20, 1895
544,677	Maag, G.	Railways, systems, overhead trolleys	Aug. 20, 1895
544,696	Smith, W. N.	Regulators, engine control	Aug. 20, 1895
544,711	Wilcox, E. C.	Telephones, switches	Aug. 20, 1895
544,745	Nutting, L. H.	Measuring instruments, balances, electric attachments	Aug. 20, 1895
544,747	Rausome, E. L.	Conductors, underground	Aug. 20, 1895
544,749	Remy, B. P.	Motors, alternating	Aug. 20, 1895
544,768	Lindstrom, N. O.	Motive power, elevators	Aug. 20, 1895
544,774	Seranton, J. B.	Railways, systems, overhead trolleys	Aug. 20, 1895
544,778	Sproat and Farr	Insulators	Aug. 20, 1895
544,780	Winters, J. C.	Motive power, elevators	Aug. 20, 1895
544,781	Brady, T. H.	Cut-outs, mechanical	Aug. 20, 1895
544,794	Riess, F. W.	Railways, systems, overhead trolleys	Aug. 20, 1895
544,802	Vansize, W. B.	Railways, signals, sectional rail	Aug. 20, 1895
544,844	Churchward, A. J.	Magneto-electric, brushes and holders	Aug. 20, 1895

No.	NAME.	CLASS.	DATE.
544,861	McLaughlin, J. F	Special applications, applications general	Aug. 20, 1895
544,862	McLaughlin, J. F	Railways, sectional conductors, magnetic closers	Aug. 20, 1895
544,863	McLaughlin, J. F	do	Aug. 20, 1895
544,867	Silverwood and Fraser	Steam engine valves, throttle, electric	Aug. 20, 1895
544,876	Adelsberg, J. K	Indicators	Aug. 20, 1895
544,890	Frank, M	Telephones, magnetic	Aug. 20, 1895
544,894	Harkness, W	Telegraphy, fire alarms and extinguishers	Aug. 20, 1895
544,901	O'Connell, J. J	Telephone system, multiple switch board test	Aug. 20, 1895
544,937	Von Sternberg, F. C	Telegraphy, railway car	Aug. 20, 1895
544,959	Collins and Foley	Insulators	Aug. 20, 1895
544,988	Mark, R. L	Indicators	Aug. 20, 1895
545,005	Ames and Parker	Electric lighting, systems	Aug. 20, 1895
545,008	Biddell, G. W	Railways, systems, overhead trolleys	Aug. 20, 1895
545,020	Hollar, Weaver and Kennedy	Locks and latches, locks, electric	Aug. 20, 1895
545,021	Hollar, Weaver and Kennedy	do	Aug. 20, 1895
545,042	Abankanowicz, B. A	Transmission of power, direct	Aug. 27, 1895
545,069	Galbraith, G. J	Annunciators, drop	Aug. 27, 1895
545,070	Graham and Allen	Railways, sectional conductors, mechanical closers	Aug. 27, 1895
545,073	Hanson, J. L	Railways, systems, overhead trolleys	Aug. 27, 1895
545,076	Hill, G	Telegraphy, circuit closers, thermal	Aug. 27, 1895
545,091	Palmer, J. W	Special application, igniting devices, manual	Aug. 27, 1895
545,111	Thomson and Rice	Transmission of power, alternating	Aug. 27, 1895
545,127	Malm, L	Indicators	Aug. 27, 1895
545,141	Walsh, T	Telegraphy, fire	Aug. 27, 1895
545,149	Carpenter, C. F	Motors, reciprocating	Aug. 27, 1895
545,151	Cicott, Belcher and Billings	Railways, conductors, supports and insulators	Aug. 27, 1895
545,158	Henry, J. C	Railways, systems, distribution	Aug. 27, 1895
545,157	Belcher, W. J	Railways, conductors, supports and insulators	Aug. 27, 1895
545,191	Boardman, A. F	Telephones, switches	Aug. 27, 1895
545,204	Johnson, C. H	Railways, systems, conduit	Aug. 27, 1895
545,208	Moore, E. E	do	Aug. 27, 1895
545,253	Shaver, G. F	Telephones, switches	Aug. 27, 1895
545,282	Görge, J. H. F	Galvanometers	Aug. 27, 1895
545,328	Wiggin, W. H	Electrolysis, aqueous bath	Aug. 27, 1895
545,347	Coffin, C. L	Magneto-electric, brushes and holders	Aug. 27, 1895
545,357	Gillette, W	Telephones, systems, intermediate substation	Aug. 27, 1895
545,358	Gray and Doescher	Railways, systems, overhead trolleys	Aug. 27, 1895
545,359	Harrison, H. F	Lights, arc, gravity feed, gear-clutch	Aug. 27, 1895
545,390	Timmis, I. A	Batteries, secondary	Aug. 27, 1895
545,393	Tresler, J. R	Railways, systems, overhead trolleys	Aug. 27, 1895
545,404	Dierdorff, H. B	Railways, electric locomotives	Aug. 27, 1895
545,405	Edison, T. A	Systems of distribution	Aug. 27, 1895
545,416	Shaver, G. F	Telephones, switches	Aug. 27, 1895
545,469	Fildes, J. H	Railway signals, track instruments	Sept. 3, 1895
545,494	Hall, A. W	Railway signals, block	Sept. 3, 1895
545,495	Hanford, M	Cut-outs, hanger	Sept. 3, 1895
545,498	Hedenberg, W. L	Railway brakes, brakes, electric	Sept. 3, 1895
545,520	Moody, Shawd and Baker	Railways, systems, overhead trolleys	Sept. 3, 1895
545,524	O'Neil, J	Motive power, motors	Sept. 3, 1895
545,532	Philbrook, G. T	Telegraphy, keys	Sept. 3, 1895
545,554	Thomas, E	Magneto-electric, bipolar	Sept. 3, 1895
545,569	Bliss, H. H	Stone working, miuing machines	Sept. 3, 1895
545,570	Bliss, H. H	Motive power, motors	Sept. 3, 1895
545,591	Kramer, O. E. H	do	Sept. 3, 1895
545,592	Kramer, O. E. H	do	Sept. 3, 1895
545,599	Libbey, W. S	Steam engines, speed governors	Sept. 3, 1895
545,620	Wood, M. M	Insulators	Sept. 3, 1895
545,629	Hutchins, A. E	Cut-outs, hanger	Sept. 3, 1895
545,637	Spiro, C	Telegraphy, printing	Sept. 3, 1895
545,649	Hildebrandt, H. F	Railways, systems, overhead trolleys	Sept. 3, 1895
545,653	Hnll, W. S	Cut-outs, electro magnets	Sept. 3, 1895
545,664	Von Zweigbergh, T	Locks and latches, locks, electric	Sept. 3, 1895
545,670	Brittin, W. F	Inductoriums, transformers, stationary	Sept. 3, 1895
545,686	Furbish, Z. T	Railways, systems, overhead trolleys	Sept. 3, 1895
545,693	Hutin and Leblanc	Motive power, motors, alternating starters	Sept. 3, 1895
545,694	Jahr, K. H	Lights, arc, special features	Sept. 3, 1895
545,696	Jardine, C. K	Horology, time checks	Sept. 3, 1895
545,701	Lattig, J. W	Railway signals, railway	Sept. 3, 1895
545,726	Rittenhouse, B. F	Telegraphy, circuit closers	Sept. 3, 1895
545,736	Segerdahl, R	Lights, arc, gravity feed, double dog, clutch	Sept. 3, 1895
545,755	Adams, T. E	Lights, arc, special features	Sept. 3, 1895

No	NAME.	CLASS.	DATE.
545,806	Meaker, J. W.	Conductors, supports and insulators	Sept. 3, 1895
545,815	Price, B.	Telephones, calls, step by step	Sept. 3, 1895
545,819	Rothenberger, D. M.	Insulators	Sept. 3, 1895
545,833	Wheeler, E. S.	Connectors	Sept. 3, 1895
545,835	Alexander, J. R.	Alarms, burglar	Sept. 3, 1895
545,853	Du Bois, A. E.	Motive power, motors alternating, starters	Sept. 3, 1895
545,869	Baldwin, R. A.	Connectors	Sept. 10, 1895
545,870	Baldwin, R. A.	Railways, switches	Sept. 10, 1895
545,901	Mannesmann, R.	Towers, telegraph poles	Sept. 10, 1895
545,903	Miller, G. E.	Railways, signals, cab, sectional rail	Sept. 10, 1895
545,904	Miller, G. E.	do	Sept. 10, 1895
545,921	Stromberg, Carlson and Knight	Telephones, systems, central	Sept. 10, 1895
545,922	Stromberg and Carlson	do	Sept. 10, 1895
545,938	Briggs and Patterson	Telegraphy, perforating	Sept. 10, 1895
545,976	Ransome, E. L.	Clay and pottery, tile machines, electric	Sept. 10, 1895
546,002	Bradley, C. S.	Motive power, transmission of power	Sept. 10, 1895
546,003	Chapman, F. M.	Indicators	Sept. 10, 1895
546,065	Dion, L.	Railways, sectional conductors, magnetic closers	Sept. 10, 1895
546,016	Kist, W.	Horology, time alarms	Sept. 10, 1895
546,027	Parker, E. C.	Telephones, granular	Sept. 10, 1895
546,036	Suren, N. H.	Telegraphy, fire, noninterfering	Sept. 10, 1895
546,037	Suren, N. H.	do	Sept. 10, 1895
546,059	Schlesinger, W. M.	Railways, sectional conductors, connectors	Sept. 10, 1895
546,062	Aiken, I. D.	Regulators, resistance	Sept. 10, 1895
546,120	Koedding, W.	Railways, brakes, brakes electric	Sept. 10, 1895
546,130	Deal, J. M.	Railways, sectional conductors, magnetic closers	Sept. 10, 1895
546,135	Fairbanks, J. A.	Indicators	Sept. 10, 1895
546,143	Fry, H. A.	Railways, systems, conduit	Sept. 10, 1895
546,190	Rice, E. W., jr.	Regulators, alternating	Sept. 10, 1895
546,191	Rice, E. W., jr.	Railways, electric locomotives	Sept. 10, 1895
546,220	Brown, H. P.	Special applications, electro magnets	Sept. 10, 1895
546,228	Davis and Christy	Indicators	Sept. 10, 1895
546,232	Hitchcock, W. R.	Railways, sectional conductors, mechanical closers	Sept. 10, 1895
546,233	Kritzer, C. C.	Cut-outs, mechanical	Sept. 10, 1895
546,238	Mead, F. S.	Air and gas engines, explosives	Sept. 10, 1895
546,247	Potter, W. B.	Railway brakes, brakes, electric	Sept. 10, 1895
546,261	Tisdale, C. D.	Telegraphy, circuit closers, thermal	Sept. 10, 1895
546,262	Tisdale, C. D.	Telegraphy, fire, automatic	Sept. 10, 1895
546,303	Crommer, R.	Railways, systems, overhead trolleys	Sept. 17, 1895
546,308	De Leeuw, A. L.	Railway signals, cab	Sept. 17, 1895
546,324	Harris, A. S.	Telegraphy, dynamos	Sept. 17, 1895
546,328	Hoepfner, C.	Electrolysis, anodes	Sept. 17, 1895
546,348	Rosenbaum, W. A.	Electrolysis, aqueous bath	Sept. 17, 1895
546,353	Sinding, A.	do	Sept. 17, 1895
546,357	Smith, I. D.	Telephones, calls	Sept. 17, 1895
546,361	Tackaberry, R. D.	Metal working tools, pliers	Sept. 17, 1895
546,383	Gerstenhauer, G.	Insulators	Sept. 17, 1895
546,388	Parmly, S. P.	Lights, arc, special features	Sept. 17, 1895
546,389	Petersen, H. A. F.	Railways, systems	Sept. 17, 1895
546,403	Lantau and Anderson	Lights, arc, special features	Sept. 17, 1895
546,407	Pfouts, L. S.	Railways, conductor supports and insulators	Sept. 17, 1895
546,417	Cox, H. B.	Batteries, thermal	Sept. 17, 1895
546,442	Williams, F. H.	Motors, reciprocating	Sept. 17, 1895
546,471	Neher, J. E.	Connectors	Sept. 17, 1895
546,475	Potter, H. N.	Cut-outs, thermal	Sept. 17, 1895
546,476	Scott, C. F.	Inductinums, transformers, stationary	Sept. 17, 1895
546,483	Bridgman, H. L.	Electrolysis, aqueous bath, anodes	Sept. 17, 1895
546,494	O'Brien, T.	Railways, conductor supports and insulators	Sept. 17, 1895
546,501	Zanger, T.	Measuring instruments, plumb levels	Sept. 17, 1895
546,523	Gieske, O.	Telegraphy, lightning arresters	Sept. 17, 1895
546,534	Higham, D.	Lights, arc, gravity feed, gear clutch	Sept. 17, 1895
546,546	Montgomery, H. M.	Railways, sectional conductors, magnetic closers	Sept. 17, 1895
546,551	Pearson, R.	Telegraphy, circuit closers, thermal	Sept. 17, 1895
546,553	Porter, W. C.	Measuring instruments, calculators, electric	Sept. 17, 1895
546,560	Short, S. H.	Railways, electric locomotives	Sept. 17, 1895
546,579	Clonoh, F.	Insulators	Sept. 17, 1895
546,582	Davis, G. H.	Music, electric actions	Sept. 17, 1895
546,585	Dibb and Vickers	Insulators	Sept. 17, 1895
546,613	Gleason, D. N.	Cut-outs, thermal	Sept. 17, 1895
546,625	Seymour, W. C.	Lights, arc, special features	Sept. 17, 1895
546,666	Hussey, C. A.	Lights, sockets and keys	Sept. 24, 1895
546,674	McLaughlin, J. F.	Horology, time lamps, lighters	Sept. 24, 1895
546,682	Scheibe, A.	Trees, plants and flowers, treatment implements	Sept. 24, 1895

No.	NAME.	CLASS.	DATE.
546,689	Weber, Goellner and Schweitzer	Lights, arc, gravity feed, gear-clutch	Sept. 24, 1895
546,691	Woods, C. E.	Railways, motor part, along the track	Sept. 24, 1895
546,700	Kean, T. J.	Measuring instruments, recorders	Sept. 24, 1895
546,724	Wightman, M. J.	Regulators, resistance	Sept. 24, 1895
546,725	Berditschewsky and Freudenberg	Telephones, systems, automatic	Sept. 24, 1895
546,731	Deau, W. W.	Telephones, systems, central	Sept. 24, 1895
546,739	Johnson and Robertson	Batteries, secondary	Sept. 24, 1895
546,756	Bradley, C. S.	Motors, transmission of power	Sept. 24, 1895
546,799	Woodbridge, J. E.	Lighting systems, display	Sept. 24, 1895
546,802	Aryton and Mather	Galvanometers	Sept. 24, 1895
546,806	Berg, E. J.	Motors, transmission of power	Sept. 24, 1895
546,820	Linton, G. E.	Cut-outs, mechanical	Sept. 24, 1895
546,821	Linton, G. E.	do	Sept. 24, 1895
546,826	Schefbauer, R.	Lights, arc, positive feed, gear-clutch	Sept. 24, 1895
546,827	Schefbauer, R.	do	Sept. 24, 1895
546,828	Schefbauer, R.	do	Sept. 24, 1895
546,834	Votey, E. S.	Music, electric actions	Sept. 24, 1895
546,837	Bulkley, J. N.	Railways, conductor supports and insulators	Sept. 24, 1895
546,844	Craney, T.	Electrolysis, purifying liquids, water	Sept. 24, 1895
546,874	Banks, W. F.	Telegraphy, fire variable, signal, dial	Sept. 24, 1895
546,892	La Cour, P.	Telegraphy, reed	Sept. 24, 1895
546,901	Rickett, G. W.	Motors, transmission of power	Sept. 24, 1895
546,904	Salisbury and Dean	Telephones, calls	Sept. 24, 1895
546,917	Dejardin, J. A.	Meters	Sept. 25, 1895
546,957	Gartner, A.	Cut-outs, thermal	Sept. 24, 1895
546,965	Tower, Hunter and Eastwood	Telephones, multiple electrode	Sept. 24, 1895
546,966	Wightman, M. J.	Motors, transmission of power	Sept. 24, 1895
546,972	Gerson, L. J.	Telephones, details	Sept. 24, 1895
546,996	Chitty, H.	Magneto-electric, armature ring	Oct. 1, 1895
547,031	Reichel, E. B. W.	Railways, systems, overhead trolleys	Oct. 1, 1895
547,034	Russell, F. J.	Bells	Oct. 1, 1895
547,035	Russell, F. J.	Indicators	Oct. 1, 1895
547,043	Still, W. J.	Railways, systems, distribution	Oct. 1, 1895
547,068	Gaither and Gaither	Railways, electric locomotives	Oct. 1, 1895
547,069	Görges, J. H. F.	Motors, alternating	Oct. 1, 1895
547,071	Hedgeland, F. W.	Music, electric actions	Oct. 1, 1895
547,072	Hedgeland, F. W.	do	Oct. 1, 1895
547,078	Johnson, W. S.	Conductors, underground	Oct. 1, 1895
547,106	Adams, T. E.	Lights, arc, special features	Oct. 1, 1895
547,127	Olan, J. W. Th.	Lights, arc, incandescent	Oct. 1, 1895
547,143	Daellenbach, C. R.	Alarms	Oct. 1, 1895
547,149	Marshall, N.	Cut-outs, mechanical, rotary	Oct. 1, 1895
547,230	Russell and Russell	Cut-outs, electro-magnetic	Oct. 1, 1895
547,240	Briggs, L. W.	Railway signals, cab, sectional rail	Oct. 1, 1895
547,246	Drake, J. I.	Lights, arc, special features	Oct. 1, 1895
547,249	Green, H.	Lights, incandescent	Oct. 1, 1895
547,265	Johnson, H. T.	Telephones, switches	Oct. 1, 1895
547,283	Pepper, W. L.	Railways, systems, overhead trolleys	Oct. 1, 1895
547,300	Smith and French	Lights, incandescent, special features	Oct. 1, 1895
547,304	Tolmie, G.	Railways, sectional conductors, mechanical closers	Oct. 1, 1895
547,323	Boggs and Cleaver	Railways, electric locomotives	Oct. 1, 1895
547,358	Prentiss, H. S.	Horology, clocks, electric	Oct. 1, 1895
547,369	Brady, J.	Regulators, resistance	Oct. 1, 1895
547,383	Rae, F. B.	Motors, transmission of power	Oct. 1, 1895
547,441	Libbey, H. W.	Railway systems, battery	Oct. 8, 1895
547,443	Mills, N. F.	Bells	Oct. 8, 1895
547,460	Shepard, F. D.	Telephones, systems, house	Oct. 8, 1895
547,472	Adams, W. S.	Railways, rolling stock, rigid frame	Oct. 8, 1895
547,476	Brill and Adams	Railways, rolling stock, electric motor, bogies	Oct. 8, 1895
547,536	Biddle, W.	Lighting systems, car	Oct. 8, 1895
547,537	Biddle and Dey	do	Oct. 8, 1895
547,568	Votey and Fleming	Music, electric actions	Oct. 8, 1895
547,591	Smith, J. B.	Cut-outs, thermal	Oct. 8, 1895
547,592	Turner, W. A.	Indicators	Oct. 8, 1895
547,613	Miner, W. M.	Telephones, switches	Oct. 8, 1895
547,659	Bradley, H. E.	Lights, arc, gravity feed, ring-clutch	Oct. 8, 1895
547,660	Carroll, C. F.	Insulators	Oct. 8, 1895
547,683	Rowland, H. A.	Motors, transmission of power	Oct. 8, 1895
547,710	Cassard, J.	Electrolysis, purifying liquids, water	Oct. 8, 1895
547,753	Higham, D.	Lights, arc, special features	Oct. 8, 1895
547,755	Hutchins, G. K.	Telephones, systems, automatic	Oct. 8, 1895
547,783	Hartman, J.	Railways, sectional conductors, mechanical closers	Oct. 15, 1895
547,784	Hartman, J.	do	Oct. 15, 1895
547,807	Rockwell, E. D.	Bells	Oct. 15, 1895

No.	NAME.	CLASS.	DATE.
547,820	Timmis, I. A	Railway signals, railway	Oct. 15, 1895
547,827	Wall, G. A	Telegraphy, fire alarms and extinguishers	Oct. 15, 1895
547,834	Baldwin, W. D	Motors, transmission of power, direct	Oct. 15, 1895
547,835	Biddle, W	Lighting system, car	Oct. 15, 1895
547,847	Cravath, J. R	Railway brakes, brakes, electric	Oct. 15, 1895
547,873	Brinckerhoff, H. M	Railways, systems, distribution	Oct. 15, 1895
547,886	Nicholas, A	Bells	Oct. 15, 1895
547,897	Smith, J. A	Telephones, systems, house	Oct. 15, 1895
547,900	Speer, E. A	Telegraphy, fire, automatic	Oct. 15, 1895
547,914	Finn, O. B	Railways, systems, circuits, series	Oct. 15, 1895
547,931	Meaker, J. W	Railways, conductor supports and insulators	Oct. 15, 1895
547,942	Smith, J. G	Telephones, systems, house	Oct. 15, 1895
547,960	Marsh, J. W	Telephones, conductor, anti-induction	Oct. 15, 1895
548,027	Bernhard, C. H	Telephones, supports	Oct. 15, 1895
548,028	Beseler, C	Lights, arc, special features	Oct. 15, 1895
548,032	Brown, H. V	Railways, sectional conductors, mechanical closers	Oct. 15, 1895
548,036	Cox, S. E	Lights, incandescent	Oct. 15, 1895
548,038	Cox, H. B	Batteries, thermal	Oct. 15, 1895
548,070	La Burt, J	Railways, sectional conductors, mechanical closers	Oct. 15, 1895
548,074	Lord, C. A	Railways, systems, overhead trolleys	Oct. 15, 1895
548,126	Moore, D. McF	Lighting, systems	Oct. 15, 1895
548,127	Moore, D. McF	do	Oct. 15, 1895
548,128	Moore, D. McF	do	Oct. 15, 1895
548,129	Moore, D. McF	do	Oct. 15, 1895
548,130	Moore, D. McF	do	Oct. 15, 1895
548,131	Moore, D. McF	do	Oct. 15, 1895
548,132	Moore, D. McF	Lighting, systems, display	Oct. 15, 1895
548,133	Moore, D. McF	do	Oct. 15, 1895
548,134	Moore, D. McF	do	Oct. 15, 1895
548,161	Hansel, C	Railway signals, sectional rail	Oct. 15, 1895
548,162	Hargreaves and Bird	Electrolysis, diaphragms	Oct. 15, 1895
548,210	Kusel, I. J	Telephones, switches	Oct. 22, 1895
548,217	Necher, J. E	Railways, systems, distribution	Oct. 22, 1895
548,227	Scribner, C. E	Telephones, systems, multiple switchboard, test	Oct. 22, 1895
548,228	Scribner, C. E	do	Oct. 22, 1895
548,229	Scribner, C. E	Telephones, systems, switchboards	Oct. 22, 1895
548,230	Shallenberger, O. B	Regulators, alternating, inductive resistance	Oct. 22, 1895
548,231	Shallenberger, O. B	Motors, transmission of power	Oct. 22, 1895
548,266	New, Mayne and Lucas	Railways, systems, distribution	Oct. 22, 1895
548,280	Wood and Miller	Steam valves, throttle, electric	Oct. 22, 1895
548,282	Alexander, W. W	Telephones, calls, step by step	Oct. 22, 1895
548,297	Crockett, W. P	Conductors	Oct. 22, 1895
548,317	Kirman, W. H	Telegraphy, fire, noninterfering	Oct. 22, 1895
548,331	Walker, O. S	Railway brakes, magnetic shoes	Oct. 22, 1895
548,371	Knight, W. H	Electric locomotives, pivoted motors	Oct. 22, 1895
548,388	Porter, W. B	Railways, systems, distribution	Oct. 22, 1895
548,389	Porter, W. B	do	Oct. 22, 1895
548,396	Schindler, F. W	Special applications, igniting devices	Oct. 22, 1895
548,400	Steinmetz, C. P	Regulators, alternating	Oct. 22, 1895
548,401	Steinmetz, C. P	Motors	Oct. 22, 1895
548,402	Steinmetz, C. P	do	Oct. 22, 1895
548,406	Thomson, E	Magneto-electric, multipolars	Oct. 22, 1895
548,413	Adams, T. E	Lights, arc, gravity feed, clutch	Oct. 22, 1895
548,414	Adams, T. E	do	Oct. 22, 1895
548,415	Archer, F. M	Batteries, galvanic	Oct. 22, 1895
548,419	Barstow, W. S	Meters	Oct. 22, 1895
548,426	Coleman, J. P	Railway signals, sectional rail	Oct. 22, 1895
548,435	Fraser, A. C	Railway signals, cab, sectional rail	Oct. 22, 1895
548,448	Lane and Clintock	Rheostats	Oct. 22, 1895
548,467	Scott, W. H	Meters	Oct. 22, 1895
548,469	Shoecraft, J	Railways, signals, sectional rail	Oct. 22, 1895
548,481	Uren, R	Railways, systems, conduit	Oct. 22, 1895
548,492	White, W	Special application, igniting devices, auto- matic	Oct. 22, 1895
548,504	Beach and Kern	Railways, general	Oct. 22, 1895
548,509	Black, J. L	Railway brakes, solenoid operated	Oct. 22, 1895
548,510	Black, J. L	do	Oct. 22, 1895
548,511	Boucherot, P	Railways, systems, distribution	Oct. 22, 1895
548,514	Burk, H. C	Railways, sectional conductors, mechanical closers	Oct. 22, 1895
548,571	Moore, D. McF	Lighting, system	Oct. 22, 1895
548,575	Moore, D. McF	do	Oct. 22, 1895
548,576	Moore, D. McF	do	Oct. 22, 1895
548,583	McEvoy, J. H	Cut-onts, mechanical, rotary	Oct. 22, 1895

No.	NAME.	CLASS.	DATE.
548,595	Rumble, A. C.	Mills, amalgamators, electric	Oct. 22, 1895
548,627	Chabeauet, E.	Railways, magnetic closers	Oct. 29, 1895
548,660	Ruete, W. T.	Conductors, underground	Oct. 29, 1895
548,669	Stephen, C. W.	Insulators	Oct. 29, 1895
548,682	Wheless, M.	Lights, arc, gravity feed, double dog, clutch	Oct. 29, 1895
548,683	Wheless, M.	do	Oct. 29, 1895
548,684	Whichello, M.	Magneto-electric, multipolar	Oct. 29, 1895
548,700	Crehore, A. C.	Recorders	Oct. 29, 1895
548,701	Crehore, A. C.	Telegraphy, automatic	Oct. 29, 1895
548,709	Hunting, F. S.	Motors, alternating, starters	Oct. 29, 1895
548,721	Opdyke, S. B.	Indicators	Oct. 29, 1895
548,722	Opdyke, S. B.	do	Oct. 29, 1895
548,729	Tiffany, G. S.	Telegraphy, automatic	Oct. 29, 1895
548,730	Todd, J. T.	Batteries, galvanic	Oct. 29, 1895
548,744	Cassidy, J. C.	Cut-outs, mechanical, rotary	Oct. 29, 1895
548,748	Ericsson, L. M.	Telephones, granular	Oct. 29, 1895
548,755	Hood, R. O.	Meters	Oct. 29, 1895
548,777	Davis, E. F.	Telephones, multiple, electrode	Oct. 29, 1895
548,786	Nichols and Lincoln	Railways, systems, conduit	Oct. 29, 1895
548,789	Searles, A. L.	Railways, systems, distribution	Oct. 29, 1895
548,819	Ross, H.	Cut-outs, mechanical	Oct. 29, 1895
548,829	Herdman, F. E.	Regulators, resistance	Oct. 29, 1895
548,830	Herdman, F. E.	Elevators, electric motors	Oct. 29, 1895
548,867	Davis, H. P.	Rheostats	Oct. 29, 1895
548,887	Murphy, W. F.	Alarms, barokinetic	Oct. 29, 1895
548,897	Thomas, J. E.	Telephones, switches	Oct. 29, 1895
548,904	Badt, F. B.	Telegraphy, circuit closers, retarded	Oct. 29, 1895
548,924	Parrish, M. W.	Telegraphy, railway car	Oct. 29, 1895
548,930	Sargent, C. E.	Magneto-electric, uniform field	Oct. 29, 1895
548,949	Card, G. F.	Motors, hand-operating devices	Oct. 29, 1895
548,968	Devine, J. H.	Cut-outs, electro-magnetic	Oct. 29, 1895
548,969	Dickinson, O. A.	Telegraphy, keys	Oct. 29, 1895
548,976	Flynn, M. F.	Railways, sectional conductors, mechanical closers	Oct. 29, 1895
548,997	Kennedy, J. M.	Railways, systems, overhead trolleys	Oct. 29, 1895
549,023	Rooney, J. J.	Batteries, secondary	Oct. 29, 1895
549,038	Watters, L. H.	Horology, time alarms	Oct. 29, 1895
549,045	Anthony, M.	Telegraphy, circuit closers, burglar	Oct. 29, 1895
549,061	Dunn, G. S.	Motors, transmission of power	Oct. 29, 1895
549,074	Niewerth and Niewerth	Lights, arc, gravity feed, gear-clutch	Oct. 29, 1895
549,075	Niewerth and Niewerth	do	Oct. 29, 1895
549,079	Rooney, J. J.	Batteries, secondary	Oct. 29, 1895
549,083	Wheless, M.	Lights, arc, gravity feed, pivot, dog-clutch	Oct. 29, 1895
549,091	Hess, J.	Railways, systems, overhead trolleys	Oct. 29, 1895
549,094	Amrock, E. S.	Railway brakes, fluid pressure, direct	Nov. 5, 1895
549,129	Howe, E. S.	Railways, switches, tramways	Nov. 5, 1895
549,136	Kinsman, F. E.	Lighting system, car	Nov. 5, 1895
549,146	Molyneaux, B. S.	fine, arts, engraving machine	Nov. 5, 1895
549,147	Molyneaux, B. S.	do	Nov. 5, 1895
549,152	Pogue, G. D.	Heaters, electric	Nov. 5, 1895
549,153	Potter, W. B.	Motors, hand-operating devices	Nov. 5, 1895
549,162	Smith and Clough	Lighting systems, car	Nov. 5, 1895
549,179	Woodbridge, J. E.	Telegraphy, printing, multiple wheel	Nov. 5, 1895
549,186	Craney, T.	Electrolysis, aqueous bath, chemicals	Nov. 5, 1895
549,189	Fairfax, W. Mac. N.	Lighting system	Nov. 5, 1895
549,195	Hood, R. O.	Meters	Nov. 5, 1895
549,201	Klein, C. J.	Lamp and gas fittings, side reflectors	Nov. 5, 1895
549,205	Mercein and Porter	Bells	Nov. 5, 1895
549,209	Penny, C. L.	Lighting, systems	Nov. 5, 1895
549,234	Decker, W.	Magneto-electric, armatures, drum	Nov. 5, 1895
549,237	Hart, G. W.	Cut-outs, mechanical	Nov. 5, 1895
549,240	Hunter, R. L.	Annunciators, step by step	Nov. 5, 1895
549,241	Hunter, R. L.	do	Nov. 5, 1895
549,254	Peterson, C. F.	Minor plastics, insulating compounds	Nov. 5, 1895
549,265	Haskins, C. D.	Cut-outs, mechanical, oscillating snap	Nov. 5, 1895
549,275	Orr and Orr	Wire-working, fabrics, making	Nov. 5, 1895
549,304	Alexander, S.	Coin controlled apparatus, telephones	Nov. 5, 1895
549,346	Bnell, C. E.	Telephones, systems, central	Nov. 5, 1895
549,383	Moore, W. E.	Regulators, engine control	Nov. 5, 1895
549,409	Vogelinis, C. F.	Lights arc, special features	Nov. 5, 1895
549,416	Wilson, F. W.	Conductors	Nov. 5, 1895
549,436	Cabell, S. G.	Electrolysis, purifying liquids, water	Nov. 5, 1895
549,443	Collins, J.	Insulators	Nov. 5, 1895
549,444	Dailey, C. E.	Measuring instruments, calipers, dial	Nov. 5, 1895
549,456	Meyer, G. G. H.	Rheostats	Nov. 5, 1895
549,464	Priestley, F. C.	Motive power, dental instruments	Nov. 5, 1895
549,470	Werline, H. E.	Rheostats	Nov. 5, 1895

No	NAME.	CLASS.	DATE.
549,477	Dean, W. W	Telephones, multiple, electrode	Nov. 5, 1895
549,485	Badt, F. B	Railways, electric locomotives	Nov. 12, 1895
549,491	Clewly, W. H	Telephones, systems	Nov. 12, 1895
549,501	Depuy, A. B	Cut-outs, electro-magnetic	Nov. 12, 1895
549,502	Dickson and Shapecott	Magneto-electric	Nov. 12, 1895
549,522	Milligan, T. P	Railways, telfpher and towing	Nov. 12, 1895
549,542	Smith, R. H	Elevators, electric	Nov. 12, 1895
549,556	Whitney, C. E	Telegraphy, automatic	Nov. 12, 1895
549,577	Moyer, G. L	Lamps and gas fittings, shade supports, drop	Nov. 12, 1895
549,580	Osborn, R. E	Railways, sectional conductors, magnetic closers	Nov. 12, 1895
549,597	Fiske, J. P. B	Motors, hand-operating devices	Nov. 12, 1895
549,598	Fiske, J. P. B	do	Nov. 12, 1895
549,608	Morgan, W. H	do	Nov. 12, 1895
549,621	Wightman and Urban	do	Nov. 12, 1895
549,636	Grimston and Dykes	Motive power, steering and propulsion	Nov. 12, 1895
549,642	Heysing, I. W	Railways, rolling stock, sanding devices	Nov. 12, 1895
549,644	Ide, F. P	Regulators, alternating	Nov. 12, 1895
549,649	Moskowitz, M	Batteries, secondary	Nov. 12, 1895
549,652	Parker, J. E	Railways, systems, conduit	Nov. 12, 1895
549,655	Philipsborn, C. A	Railways, systems, overhead trolleys	Nov. 12, 1895
549,663	White, G. H	Magneto-electric, brushes and holders	Nov. 12, 1895
549,664	Yargen, H. T	Stoves and furnaces, heating systems, steam	Nov. 12, 1895
549,709	Dixon, T. B	Telegraphy, multiplex	Nov. 12, 1895
549,715	Franko, A	Horology, clocks, electric	Nov. 12, 1895
549,731	Lantau, K. A	Lights, arc, special features	Nov. 12, 1895
549,794	Hutchison, M. R	Cut-outs, electro-magnetic	Nov. 12, 1895
549,802	Lucas, I	Telephones, granular	Nov. 12, 1895
549,803	Lucas, I	do	Nov. 12, 1895
549,810	Mottram, W. T. M	Lighting systems	Nov. 12, 1895
549,815	Parsons, C. A	Steam engines, speed governors	Nov. 12, 1895
549,860	Stromberg and Carlson	Telephones, magnetic	Nov. 12, 1895
549,874	Larson, C. W	Steam engines, speed governors	Nov. 12, 1896
549,876	Lundell, R	Motors, alternating	Nov. 12, 1895
549,886	Hood, R. O	Meters	Nov. 12, 1895
549,899	Clamer, F. J	Batteries, secondary	Nov. 19, 1895
549,906	Edgecomb, H. A	Telegraphy, circuit closers, thermal	Nov. 19, 1895
549,916	Hedgeland, F. W	Music, electric actions	Nov. 19, 1895
549,919	Howell, J. W	Galvanometers	Nov. 19, 1895
549,920	Hubbs, C. E	Railways, systems, conduit	Nov. 19, 1895
549,995	Cummings, J. F	Conductors, underground	Nov. 19, 1895
550,008	Washburn, G. A	Railways, electric locomotives	Nov. 19, 1895
550,018	Dyer and Dyer	Motor power, steering and propulsion	Nov. 19, 1895
550,039	Boynton, E. S	Batteries, galvanic	Nov. 19, 1895
550,042	Diehl, P	Motors	Nov. 19, 1895
550,041	Eickemeyer and Eickemeyer	Motive power, elevators	Nov. 19, 1895
550,057	Peterson, H. A. F	Railways, systems, closed conduit	Nov. 19, 1895
550,059	Pribyl, F. J	Railways, systems, overhead trolleys	Nov. 19, 1895
550,070	Fall, A. W	Games and toys, toys electric	Nov. 19, 1895
550,086	Carey, A. C	Connectors	Nov. 19, 1895
550,097	Clift, E. E	Lights, incandescent, special features	Nov. 19, 1895
550,102	Hamilton, C. J	Railway systems, closed conduit	Nov. 19, 1895
550,132	Peterson, H. A. F	Railway systems, trolley operated, track switches	Nov. 19, 1895
550,167	Froggatt, T.	Batteries, galvanic	Nov. 19, 1895
550,192	McCulloch, A. H	Telegraphy, lightning arresters	Nov. 19, 1895
550,204	Thompson, G. K	Coin controlled apparatus, telephones	Nov. 19, 1895
550,205	Todd, J. T. A	Annunciators, time	Nov. 19, 1895
550,210	Wyckoff, B.	Railway signals, sectional rail	Nov. 19, 1895
550,215	Cannevel, E	Lights, arc, gravity feed gear clutch	Nov. 19, 1895
550,220	Eickemeyer, R	Railways, electric locomotives	Nov. 19, 1895
550,229	McDonald and McDonald	Bells	Nov. 19, 1895
550,242	Biddle, W	Lighting systems, car	Nov. 26, 1895
550,252	Cross, N. M	Magneto-electric, brushes and holders	Nov. 26, 1895
550,255	Custodis, A	Conductors, underground	Nov. 26, 1895
550,260	Edson, M. A	Annunciators, drop system	Nov. 26, 1895
550,319	Dialto, A	Railways, systems, closed conduit	Nov. 26, 1895
550,354	Schmid and Lamme	Regulators, alternating	Nov. 26, 1895
550,355	Shallenberger, O. B	System of distribution	Nov. 26, 1895
550,360	Wurts, A. J	Cut-outs, electro-magnetic	Nov. 26, 1895
550,365	Emery, F.	Lights, arc, gravity feed gear clutch	Nov. 26, 1895
550,329	Rennerfelt, G	Motors	Nov. 26, 1895
550,330	Rennerfelt, G	do	Nov. 26, 1895
550,344	Heilmann, J. J	Electric locomotives	Nov. 26, 1895
550,393	Hirt, L. J	Railway rolling stock, electric motors, rigid frames	Nov. 26, 1895
550,403	Bridgman, H. L	Electrolysis, aqueous bath	Nov. 26, 1895

No.	NAME.	CLASS.	DATE.
550,407	Dice, J.	Magneto-electric	Nov. 26, 1895
550,411	Harper, T.	Cut-outs, Mechanical	Nov. 26, 1895
550,432	Anek, J. M.	Igniting devices, manual	Nov. 26, 1895
550,437	Brooks, D., jr.	Railways, systems, conduit	Nov. 26, 1895
550,458	Richter, E. L.	Railways, systems, overhead	Nov. 26, 1895
550,462	Suren, N. H.	Telegraphy, Morse registers	Nov. 26, 1895
550,464	Thomson and Wightman	Magneto-electric, bipolar	Nov. 26, 1895
550,465	Westinghouse, G.	Railways, systems, overhead	Nov. 26, 1895
550,467	Westinghouse, G.	Hydraulic motors, rotary	Nov. 26, 1895
550,468	Westinghouse, G.	Magneto-electric, armature ring	Nov. 26, 1895
550,469	Ackroyd and Best	Igniting devices, manual	Nov. 26, 1895
550,480	Burkland, W. A. B.	Batteries, secondary	Nov. 26, 1895
550,481	Canet, J. B. G. A.	Motors, hand-operating devices	Nov. 26, 1895
550,484	Colles, G. W., jr.	Regulators, engines control	Nov. 26, 1895
550,510	Kitsee, I.	Telegraphy, circuits and systems	Nov. 26, 1895
550,511	Kitsee, I.	do	Nov. 26, 1895
550,533	Schrender, J. G.	Batteries, galvanic	Nov. 26, 1895
550,534	Schrender, J. G.	do	Nov. 26, 1895
550,535	Schrender, J. G.	Railway signals, railway	Nov. 26, 1895
550,566	Sherwood C. H.	Railway signals, block	Nov. 26, 1895
550,574	Adams, T. E.	Lights, arc, gravity-feed clutch	Dec. 3, 1895
550,577	Bach, C.	Cut-outs, mechanical, oscillating snap	Dec. 3, 1895
550,600	Doabrava and Donat	Lights, arc, gravity feed	Dec. 3, 1895
550,638	McClulloch, A. H.	Cut-outs, mechanical	Dec. 3, 1895
550,649	Small, J. F.	Railway gates, electric	Dec. 3, 1895
550,658	Strowger, A. B.	Telegraphy, printing	Dec. 3, 1895
550,663	Thomas, W. M.	Magneto-electric, bipolar	Dec. 3, 1895
550,666	White, H. P.	Magneto-electric, multipolar	Dec. 3, 1895
550,670	Young, J. V.	Railway signals, sectional rail	Dec. 3, 1895
550,673	Beron, F. G.	Insulators	Dec. 3, 1895
550,682	Holden, F.	Galvanometers	Dec. 3, 1895
550,683	Kinney, J. C.	Railways, systems, overhead	Dec. 3, 1895
550,686	McLanghlin, J. F.	Igniting devices, manual	Dec. 3, 1895
550,688	Palmleaf, C.	Inductoriums, induction coils	Dec. 3, 1895
550,692	Reist, H. G.	Magneto-electric, armatures, drum	Dec. 3, 1895
550,703	White, H. P.	Magneto-electric	Dec. 3, 1895
550,728	Smith, J. G.	Telephones, systems, automatic	Dec. 3, 1895
550,729	Smith, J. G.	Telegraphy, automatic	Dec. 3, 1895
550,733	Thomson, E.	Telegraphy, lightning arresters	Dec. 3, 1895
550,765	Scribner, C. E.	Telephones, systems, central	Dec. 3, 1895
550,782	Davis, C. M.	Systems of distribution	Dec. 3, 1895
550,812	Allen, E. R.	Electrolysis, aqueous bath apparatus	Dec. 3, 1895
550,822	Crook, C. M.	Clocks, electric	Dec. 3, 1895
550,823	Duncan, T.	Meters	Dec. 3, 1895
550,841	Parker, H. C.	Galvanometers	Dec. 3, 1895
550,860	Biddle, W.	Lighting systems, car	Dec. 3, 1895
550,866	Chaplet, F.	Stoves and furnaces, heaters, electric	Dec. 3, 1895
550,868	Cheatham, R. V.	Railways, trolley-operated track switches	Dec. 3, 1895
550,941	Carlson, A. G.	Connectors	Dec. 10, 1895
550,956	Farley, H. J.	Lights, arc, special features	Dec. 10, 1895
550,959	Franklin and Franklin	Clocks, electric	Dec. 10, 1895
550,965	Griffen, J. S.	Railways, systems, closed conduit	Dec. 10, 1895
550,982	Lightships, J. A.	Telephones, calls, reed	Dec. 10, 1895
551,014	Vincent, J. A.	Heaters, electric	Dec. 10, 1895
551,020	Wellman, S. T.	Electro magnets	Dec. 10, 1895
551,021	Wiggin, W. H.	Connectors	Dec. 10, 1895
551,029	Davy, W. J.	Lights, arc, gravity-feed, gear clutch	Dec. 10, 1895
551,032	Hemphill, J. R.	Insulators	Dec. 10, 1895
551,033	Hirsch and Meninger	Magneto-electric, brushes and holders	Dec. 10, 1895
551,046	Pike, F. N.	Lights, arc, positive feed, step-gear clutch	Dec. 10, 1895
551,047	Robinson, W.	Railway rolling stock, rigid frames, electric	Dec. 10, 1895
551,053	Short, S. H.	Cut-outs, mechanical, rotary	Dec. 10, 1895
551,054	Short, S. H.	do	Dec. 10, 1895
551,056	Spencer and Wales	Telephones, systems, multiple switch-board, test	Dec. 10, 1895
551,060	Stone, J. R.	Telephones, systems, central	Dec. 10, 1895
551,090	Noyes, B. J.	Telegraphy, fire	Dec. 10, 1895
551,123	Kirnan, W. H.	do	Dec. 10, 1895
551,145	Rosenholz, A.	Railways, sectional conductors, magnetic closers	Dec. 10, 1895
551,166	Kelsch, R. S.	Connectors	Dec. 10, 1895
551,168	Tippey, Finfrock, Rinehart and Francis	Railways, systems, overhead, trolleys	Dec. 10, 1895
551,169	Tippey, Finfrock, Rinehart and Francis	do	Dec. 10, 1895
551,170	Lucas, A. H.	Cut-outs, mechanical	Dec. 10, 1895
551,192	MacDonald, A. D.	Telegraphy relays and sounders	Dec. 10, 1895
551,203	Criggal, J. E.	Cut-outs, mechanical oscillating snap	Dec. 10, 1895
551,244	Wiemann, W. P.	Lights, arc, gravity-feed gear clutch	Dec. 10, 1895

No.	NAME.	CLASS.	DATE.
551,263	Davis, J. R.	Magneto-electric	Dec. 10, 1895
551,275	Goodman and Goodman	Telephones, granular	Dec. 10, 1895
551,284	Hunt and Dunkel	Telegraphy circuit closers, thermal	Dec. 10, 1895
551,334	Lundell, R.	Railways, sectional conductor, magnetic closers	Dec. 10, 1895
551,337	Portis, T. G.	Lights, filaments, and carbous	Dec. 10, 1895
551,347	Browne, A. C.	Telephones, magnetic	Dec. 10, 1895
551,366	Jackson and Conradson	Electrolysis apparatus	Dec. 10, 1895
551,357	Beal, C. A.	Lights, sockets and keys	Dec. 17, 1895
551,361	Brown and Chaplin	Electrolysis, aqueous bath, chemicals	Dec. 17, 1895
551,364	Collom, M. H.	Lights, incandescent, special features	Dec. 17, 1895
551,371	Eickenmeyer, R.	Regulators, sectional winding	Dec. 17, 1895
551,372	Frick, F.	Clocks, electric	Dec. 17, 1895
551,388	Joyne, A. L.	Cut-outs, electro-magnetic	Dec. 17, 1895
551,391	Lounsbury, W. F.	Telephones, systems, automatic	Dec. 17, 1895
551,394	Misell, D.	Lighting systems, display	Dec. 17, 1895
551,427	Wilcox, W. W.	Stoves and furnaces, dampers, electrical	Dec. 17, 1895
551,436	Duncan, T.	Meters	Dec. 17, 1895
551,451	Rider and Heucken	Igniting devices, manual	Dec. 17, 1895
551,461	Clarke, W. C.	Electrolysis, aqueous bath, synthesis	Dec. 17, 1895
551,470	Mason, D.	Motors	Dec. 17, 1895
551,504	Leonard, S. C.	Conductors	Dec. 17, 1895
551,515	Spiro, C.	Telephones, transmitters	Dec. 17, 1895
551,534	Esmond, F. C.	Railways, sectional conductors, magnetic closers	Dec. 17, 1895
551,535	Esmond, F. C.	do	Dec. 17, 1895
551,536	Esmond, F. C.	do	Dec. 17, 1895
551,537	Esmond, F. C.	do	Dec. 17, 1895
551,551	Martland, F. W.	Telephones, supports	Dec. 17, 1895
551,567	Wightman and Urban	Motors	Dec. 17, 1895
551,587	Hunter, R. M.	Electric locomotives, electric control	Dec. 17, 1895
551,633	Herdman, F. E.	Motors, hand-operating devices	Dec. 17, 1895
551,634	Herdman, F. E.	do	Dec. 17, 1895
551,635	Herdman, F. E.	do	Dec. 17, 1895
551,648	Pelatan and Cherie	Electrolysis, aqueous bath	Dec. 17, 1895
551,664	Baker and McLain	Electric locomotive	Dec. 17, 1895
551,674	Grissinger, T.	Telephones, granular	Dec. 17, 1895
551,712	Blackford and Buchanan	Magneto-electric, multipolar	Dec. 17, 1895
551,734	Nesom, T.	Railways, sectional conductors, magnetic closers	Dec. 17, 1895
551,743	Breul, H. O. W. J.	Lighting systems, secondary battery	Dec. 17, 1895
551,757	Corey, F. B.	Motive power, elevators	Dec. 24, 1895
551,781	Mullaney, T. F.	Systems of distribution	Dec. 24, 1895
551,785	Potter, W. B.	Railway brakes, electric	Dec. 24, 1895
551,786	Potter, W. B.	Telegraphy, lightning arresters	Dec. 24, 1895
551,795	Spalding, S. J.	Medical and surgical body wear	Dec. 24, 1895
551,799	Thomson and Harthau	Lights, arc, special features	Dec. 24, 1895
551,809	Bradley, C. S.	Motors, transmission of power	Dec. 24, 1895
551,810	Bradley, C. S.	Motors, alternating starter	Dec. 24, 1895
551,820	Herdman, F. E.	Motive power, elevators	Dec. 24, 1895
551,856	Densenbery, C. C.	Magneto-electric brushes and holders	Dec. 24, 1895
551,863	Hutin and Leblanc	Motors, alternating	Dec. 24, 1895
551,880	Wilcox, T. B.	Medical and surgical	Dec. 24, 1895
551,930	Greene, W. S.	Telegraphy, railway car	Dec. 24, 1895
551,942	Barnes and Slater	Railway signals, railway	Dec. 24, 1895
551,946	Cooley, W. H.	Telegraphy, automatic	Dec. 24, 1895
551,947	Cooley, W. H.	Telegraphy printing	Dec. 24, 1895
551,948	Cooley, W. H.	Telegraphy printing, wheel	Dec. 24, 1895
551,951	Fortier, C. L.	Stoves and furnaces, dampers, electric	Dec. 24, 1895
551,959	Hale, C. A.	do	Dec. 24, 1895
551,963	Henry, D. F.	Railway rolling stock, rigid frame, electric	Dec. 24, 1895
551,982	Mershon, R. D.	Galvanometers	Dec. 24, 1895
551,996	Oney, R. T.	Electric locomotives	Dec. 24, 1895
551,998	Phelps and Sampson	Railway signals, block systems	Dec. 24, 1895
552,001	Rast, A.	Railways, sectional conductor, magnetic closers	Dec. 24, 1895
552,036	Böhm, L. K.	Lights, filaments and carbons	Dec. 24, 1895
552,053	Dutrey, J.	Railway signals, cab, sectional rail	Dec. 24, 1895
552,057	Farmer, J. R.	Railway signals, block	Dec. 24, 1895
552,059	Greenfield, E. T.	Conductors, underground	Dec. 24, 1895
552,060	Greenfield, E. T.	do	Dec. 24, 1895
552,094	Blades, H. H.	Regulators, resistance	Dec. 31, 1895
552,103	Daniels, W. P.	Electro magnets	Dec. 31, 1895
552,105	Dey, H. E.	Lighting systems, car	Dec. 31, 1895
552,153	Suren, N. H.	Telegraphy fire, noninterfering	Dec. 31, 1895
552,166	Woodward, O. F.	Telegraphy circuit closer, thermal	Dec. 31, 1895
552,172	Field, S. D.	Electro magnets	Dec. 31, 1895

No.	NAME.	CLASS.	DATE.
552,173	Field, S. D.	Telephones, electric	Dec. 31, 1895
552,181	Hovey, H. J.	Railway signals, sectional rail	Dec. 31, 1895
552,190	Marks, L. B.	Lights, arc, special features	Dec. 31, 1895
552,211	Thurnauer and Kohn	Batteries, galvanic	Dec. 31, 1895
552,218	Williams, D. S.	do	Dec. 31, 1895
552,219	Williams, D. S.	do	Dec. 31, 1895
552,220	Williams, D. S.	do	Dec. 31, 1895
552,239	D'Umger, P. H.	Lighting systems, safety	Dec. 31, 1895
552,260	Pollack, C.	Systems of distribution	Dec. 31, 1895
552,271	Bolton, O.	Railways, systems, battery	Dec. 31, 1895
552,279	Cuttan, E. B.	Railway signals, cab, sectional rail	Dec. 31, 1895
552,309	Tucker and Hinckley	Meters	Dec. 31, 1895
552,313	Brown, C. E. L.	Motors, alternating, starters	Dec. 31, 1895
552,316	Dixon, T. B.	Railway signals, sectional rail	Dec. 31, 1895
552,322	Kroty and Spencer	Batteries, secondary	Dec. 31, 1895
552,337	Smith, A.	Motors, alternating	Dec. 31, 1895
552,338	Thélin, V.	Connectors	Dec. 31, 1895
552,347	Card, G. F.	Electric locomotives, pivoted motors	Dec. 31, 1895
552,363	Gleason, E. P.	Lights, incandescent, special features	Dec. 31, 1895
552,369	Hoffmann, E. G. W. C.	Motors, hand-operating devices	Dec. 31, 1895
552,381	Meyer, P.	Igniting devices	Dec. 31, 1895
552,397	Scribner, C. E.	Regulators	Dec. 31, 1895
552,412	Cabell, S. G.	Electrolysis, purifying liquids, water	Dec. 31, 1895
552,413	Cabell, S. G.	do	Dec. 31, 1895
552,414	Cabell, S. G.	do	Dec. 31, 1895
552,420	Clarke, J. D.	Telephones, systems, intermediate substation	Dec. 31, 1895
552,425	Faure and King	Batteries, secondary	Dec. 31, 1895
552,451	Smith, M. H.	Railways, sectional conductors, magnetic closers	Dec. 31, 1895
552,469	Drawbaugh, D.	Telephones, granular	Dec. 31, 1895
552,477	Jones, B. J.	Connectors	Dec. 31, 1895
552,479	Kendall, M. K.	do	Dec. 31, 1895
552,495	Mayrhofer, J. C.	Rheostats	Dec. 31, 1895
552,496	Mayrhofer, J. C.	Lighting systems	Dec. 31, 1895
552,498	Mosher, J. A.	Lights, arc, and incandescent	Dec. 31, 1895
552,501	Snively, C. H.	Insulators	Dec. 31, 1895
552,516	Coy, G. M.	Telephones, switches	Jan. 7, 1896
552,521	Field, S. D.	Regulators, resistance	Jan. 7, 1896
552,540	McGrath and Oram	Meters	Jan. 7, 1896
552,542	Oram, J. M.	Alarms, burglar	Jan. 7, 1896
552,553	Sibley, J. T.	Cut-outs, electro-magnetic	Jan. 7, 1896
552,574	Bergmann, S.	Cut-outs, mechanical, rotary	Jan. 7, 1896
552,594	Swendeman, J. E.	Igniting devices	Jan. 7, 1896
552,604	Brandenberg, H.	Railways, sectional conductor, mechanical closers	Jan. 7, 1896
552,631	Dale, B.	Railways, systems, overhead trolleys	Jan. 7, 1896
552,658	Bossert, W. F.	Cut-outs, thermal	Jan. 7, 1896
552,680	Wagner and Schwedt	do	Jan. 7, 1896
552,689	Kusel, I. J.	Telephones, electric	Jan. 7, 1896
552,705	Coy, C. W.	Telephones, switches	Jan. 7, 1896
552,723	Scribner, C. E.	Telephones, systems, multiple switchboard, test	Jan. 7, 1896
552,724	Scribner, C. E.	do	Jan. 7, 1896
552,725	Scribner, C. E.	do	Jan. 7, 1896
552,726	Scribner, C. E.	Annunciators, drop	Jan. 7, 1899
552,727	Scribner, C. E.	Telephones, systems	Jan. 7, 1896
552,728	Scribner, C. E.	do	Jan. 7, 1896
552,729	Scribner, C. E.	Telephones, switchboards	Jan. 7, 1896
552,730	Scribner, C. E.	Telephones, systems	Jan. 7, 1896
552,733	Stansel, T. J.	Annunciators, time	Jan. 7, 1896
552,734	Wales and Spencer	Telephones, systems, multiple switchboard, divided central	Jan. 7, 1896
552,735	Wales, T. C.	do	Jan. 7, 1896
552,738	Woodbridge, J. E.	Telegraphy, multiple wheel	Jan. 7, 1896
552,746	Cole, F. W.	Telegraphy, fire	Jan. 7, 1896
552,755	Gaines, C. A.	Railways, sectional conductor, mechanical closers	Jan. 7, 1896
552,756	Gorm, H. A.	Motors, hand-operating devices	Jan. 7, 1896
552,776	Pratt, F. G.	Railway signals, block systems	Jan. 7, 1896
552,803	Williams, G. B.	Alarms	Jan. 7, 1896
552,811	Batchelor, J. F.	Steam valves, electric throttles	Jan. 7, 1896
552,816	Burchell, N. L.	Telephones, details	Jan. 7, 1896
552,823	Colvin, F. R.	Telephones, systems, central	Jan. 7, 1896
552,832	Fort, J. A.	Medical and surgical	Jan. 7, 1896
552,858	Thomas, G. L.	Railway signals, railway	Jan. 7, 1896
552,865	Colvin, F. R.	Telephones, systems	Jan. 7, 1896
552,866	Coy, G. W.	Telephones, switches	Jan. 7, 1896

No	NAME.	CLASS.	DATE.
552,867	Coy, G. W.	Telephones, switches	Jan. 7, 1896
552,895	Craney, T.	Electrolysis, aqueous bath, chemicals	Jan. 14, 1896
552,897	Denver, H.	Telegraphy, fire	Jan. 14, 1896
552,924	Reynolds, S. H.	Telegraphy, fire, engine house, apparatus	Jan. 14, 1896
552,954	Chute, J. W.	do	Jan. 14, 1896
552,955	Craney, T.	Electrolysis, aqueous bath, chemicals	Jan. 14, 1896
552,961	Jackson and Conrardson	Motors	Jan. 14, 1896
552,967	Nilson, L. G.	Lights, arc, gravity feed, ring clutch	Jan. 14, 1896
552,972	Schwarze, C. J.	Telephones, magnetic	Jan. 14, 1896
552,982	Borland, F. J.	Lights, arc, positive feed	Jan. 14, 1896
553,014	Nevins, T. F.	Cut-outs, mechanical, rotary	Jan. 14, 1896
553,022	Warfield, L.	Electric locomotives	Jan. 14, 1896
553,044	Sharpless, P. M.	Electrolysis, aqueous bath, apparatus	Jan. 14, 1896
553,058	Eby, C.	Indicators, station	Jan. 14, 1896
553,061	Fletcher, T.	Cut-outs, hangers	Jan. 14, 1896
553,099	Brown, W.	Connectors	Jan. 14, 1896
553,106	Coleman, J. A.	Telegraphy, fire	Jan. 14, 1896
553,173	McLaughlin, J. F.	Type-writing machines, electrical	Jan. 14, 1896
553,174	McLaughlin, J. F.	do	Jan. 14, 1896
553,176	O'Connor, T. F.	Railways, sectional conductors, connected	Jan. 14, 1896
553,179	Shade and Stone	Telephones, systems, central	Jan. 14, 1896
553,194	Lewis, R. H.	Conductors	Jan. 14, 1896
553,198	Stickle, S. C.	Annunciators, time	Jan. 14, 1896
553,220	Buckner, J.	Lights, arc, special features	Jan. 14, 1896
553,264	Schesinger, W. M.	Railways, sectional conductor, connected	Jan. 21, 1896
553,296	Aylsworth, J. W.	Lights, filaments and carbons	Jan. 21, 1896
553,297	Baker, W. S. G.	Railway rolling stock, rigid frame, electric	Jan. 21, 1896
553,298	Baker, W. S. G.	do	Jan. 21, 1896
553,304	Farquharson, H. C.	Igniting devices	Jan. 21, 1896
553,328	Aylsworth, J. W.	Lights, filaments and carbon	Jan. 21, 1896
553,330	Brinkerhoff and Farquharson	Igniting devices	Jan. 21, 1896
553,335	Crosby, E. H.	Lights, arc, positive feed	Jan. 21, 1896
553,361	Root, H. C.	Coin controlled apparatus, telephones	Jan. 21, 1896
553,364	Smith, J. G.	Telephones, calls	Jan. 21, 1896
553,410	Kamp, W.	Railways, systems, overhead trolleys	Jan. 21, 1896
553,452	Dinsmore, S. A.	Telephones, granular	Jan. 21, 1896
553,464	Hermite, E.	Electrolysis, aqueous bath, chemicals	Jan. 21, 1896
553,465	Hermite, E.	do	Jan. 21, 1896
553,469	Hutin and Leblanc	Regulators, alternating	Jan. 21, 1896
553,528	Hoffman, E. G. W. C.	Telegraphy, lightning arresters	Jan. 28, 1896
553,529	Jackson, J.	Railways, sectional conductors, magnetic closers	Jan. 28, 1896
553,535	Merritt, B. F.	Telegraphy, repeaters	Jan. 28, 1896
553,538	Morgan, W. H.	Rheostats	Jan. 28, 1896
553,541	Reynolds, G. A.	Gates, electric	Jan. 28, 1896
553,552	Beck, A.	Railways, systems, conduit	Jan. 28, 1896
553,557	Gardner, R. M.	Magneto-electric, armature ring	Jan. 28, 1896
553,593	Otto and Verley	Electrolysis, aqueous bath, chemicals	Jan. 28, 1896
553,596	Ribbe, P. T.	Batteries, secondary	Jan. 28, 1896
553,605	Bachus, E. E.	Telegraphy, circuits and systems	Jan. 28, 1896
553,633	Weschke, E.	Telephones, systems, detail	Jan. 28, 1896
553,635	Anspack, N. H.	Railways, collapsible tube conductor	Jan. 28, 1896
553,637	Bagnall and Arnold	Lights, arc, special features	Jan. 28, 1896
553,642	Dixon, T. B.	Railway signals, sectional rail	Jan. 28, 1896
553,673	Green, H.	Lights, incandescent	Jan. 28, 1896
553,675	Haskins, C. D.	Telegraphy, relays and sounders	Jan. 28, 1896
553,694	Smith, J. E.	Electrolysis, purifying liquids	Jan. 28, 1896
553,697	Swoboda and Laveus	Lights, arc, gravity-feed, gear-clutch	Jan. 28, 1896
553,719	Olan, J. W. Th.	Batteries, galvanic	Jan. 28, 1896
553,730	Fagan, J. C.	Cut-outs, mechanical	Jan. 28, 1896
553,732	George, J. H.	Electrolysis, aqueous bath, apparatus	Jan. 28, 1896
553,736	Page, J. F.	Railways, sectional conductor, magnetic closers	Jan. 28, 1896
553,799	Wood, M. L.	Railways, systems, conduit	Jan. 28, 1896
553,816	Pelatan and Clerici	Electrolysis, aqueous bath, ores	Jan. 28, 1896
553,819	Sautter and Savatier	Motors, hand-operating devices	Jan. 28, 1896
553,831	Boucher, A. E. W.	Batteries, secondary	Feb. 4, 1896
553,838	Cole, F. W.	Telegraphy, fire, non-interfering	Feb. 4, 1896
553,839	Cole, F. W.	do	Feb. 4, 1896
553,840	Cole, F. W.	do	Feb. 4, 1896
553,843	Dinsmore, S. A.	Telephones, granular	Feb. 4, 1896
553,844	Duntley, W. O.	Lights, incandescent, special features	Feb. 4, 1896
553,847	Freeman, W. K.	Inductariums, transformers, stationary	Feb. 4, 1896
553,858	Lieb, C. A.	Railways, conductor supports and insulators	Feb. 4, 1896
553,873	Ruddick, J. J.	Telegraphy, fire, non-interfering	Feb. 4, 1896
553,900	Colgate, A. E.	Bells	Feb. 4, 1896
553,911	Hendricks, A. B.	Rheostats	Feb. 4, 1896

No.	NAME.	CLASS.	DATE.
553,919	Lean, G. R.	Lighting, systems	Feb. 4, 1896
553,920	Lean, G. R.	do	Feb. 4, 1896
553,921	Lean, G. R.	do	Feb. 4, 1896
553,923	Lemp, H.	Metal welding, metal working	Feb. 4, 1896
553,927	Muslar, N.	Railways, systems, overhead trolleys	Feb. 4, 1896
553,952	Casazza, A.	Railways, sectional conductors, magnetic closers	Feb. 4, 1896
553,957	Delany, P. B.	Telegraphy, circuits and systems	Feb. 4, 1896
553,960	Kaiser, W.	Igniting devices, inductional	Feb. 4, 1896
553,964	Quatram, F.	Telephones, details	Feb. 4, 1896
553,977	Dunderdale, C. F.	Bells	Feb. 4, 1896
553,979	Esmond, F. C.	Railways, sectional conductor, magnetic closers	Feb. 4, 1896
553,980	Esmond, F. C.	do	Feb. 4, 1896
553,981	Esmond, F. C.	do	Feb. 4, 1896
554,016	Baker, F. S.	Alarms	Feb. 4, 1896
554,036	Schwarze, C. J.	Telephones, magnetic	Feb. 4, 1896
554,042	Strause, J. S.	Cut-outs, thermal	Feb. 4, 1896
554,043	Williams & Hamrick	Batteries, galvanic	Feb. 4, 1896
554,063	Henry, J. C.	Magneto-electric, commutators and collectors	Feb. 4, 1896
554,074	Miller, L. B.	Telegraphy, circuit closers, burglar	Feb. 4, 1896
554,080	McElroy, J. F.	Batteries, secondary	Feb. 4, 1896
554,083	Ongley, E. E.	Horology, time alarms	Feb. 4, 1896
554,089	Quinn, P. H.	Lights, incandescent, special features	Feb. 4, 1896
554,097	Taylor, J. D.	Railway signals, sectional rail	Feb. 4, 1896
554,102	Allen, W. P.	Railways, collapsible tube conductor	Feb. 4, 1896
554,103	Allen, W. P.	do	Feb. 4, 1896
554,104	Allen, W. P.	do	Feb. 4, 1896
554,112	Deats, W.	Telegraphy, keys	Feb. 4, 1896
554,124	Hirlimaun, C. J.	Batteries, galvanic	Feb. 4, 1896
554,125	Houts, W. A.	Telephones, automatic	Feb. 4, 1896
554,130	Levis, H. A.	Telegraphy, lightning arresters, thermal	Feb. 4, 1896
554,138	Neghaur & Feely	Magneto-electric, multipolar	Feb. 4, 1896
554,141	Randall, C. A.	Telephones, granular	Feb. 4, 1896
554,221	Hart, G. W.	Cut-outs, mechanical, rotary	Feb. 4, 1896
554,230	Berg, E. J.	Motors, alternating	Feb. 11, 1896
554,239	Bnrke, J.	Lighting, system, band-regulation	Feb. 11, 1896
554,240	Burke, J.	do	Feb. 11, 1896
554,243	Crump, S.	Electrolysis, aqueous bath, cathodes	Feb. 11, 1896
554,245	Dempsey, J.	Lamp and gas fittings, street-light hangers	Feb. 11, 1896
554,247	Doe, W. S.	Batteries, galvanic	Feb. 11, 1896
554,263	Guillaume, T.	Lighting systems, safety	Feb. 11, 1896
554,270	Hewlett and Potter	Magneto-electric, connecting devices	Feb. 11, 1896
554,275	Kelly, J. F.	Lighting systems, test	Feb. 11, 1896
554,276	Knight & Darley	Motors, hand-operating devices	Feb. 11, 1896
554,307	Potter, W. B.	do	Feb. 11, 1896
554,321	Thomson, E.	Galvanometers	Feb. 11, 1896
554,332	Carson, G. J.	Lights, incandescent, special features	Feb. 11, 1896
554,350	Stimpson, L. L.	Railways, systems, overhead trolleys	Feb. 11, 1896
554,353	Nobelacker, C. F.	Railways, electric locomotives	Feb. 11, 1896
554,365	Gnest, J. H.	Motors	Feb. 11, 1896
554,369	Loomis, O. P.	Magneto-electric, brushes and holders	Feb. 11, 1896
554,379	Slocum, E. L.	Batteries, galvanic	Feb. 11, 1896
554,394	McCarthy, L.	Lights, incandescent, special features	Feb. 11, 1896
554,395	Oehring, L. E.	Telegraphy, perforating	Feb. 11, 1896
554,399	Scribner, C. E.	Telephones, systems, multiple switch-board, test	Feb. 11, 1896
554,414	Currie, S. C. C.	Electro-chemistry, batteries, secondary	Feb. 11, 1896
554,427	Robinson, S. R. V.	Electro-chemistry, batteries, galvanic	Feb. 11, 1896
554,438	Brown, P. S.	Cut-outs, thermal	Feb. 11, 1896
554,450	Merkle, W. S.	Railways, collapsible-tube conductors	Feb. 11, 1896
554,505	Coleman, C.	Alarms, burglar	Feb. 11, 1896
554,508	Greene, W. J.	Systems of distribution	Feb. 11, 1896
554,542	Seaverns, J. A.	Lights, arc, gravity-feed, gear-clutch	Feb. 11, 1896
554,557	Whitehead, H. B.	Lighting systems, safety	Feb. 11, 1896
554,571	Blazan, J. H.	Railways, systems, overhead trolleys	Feb. 11, 1896
554,594	Garber, J. L.	Typewriting machines, electric	Feb. 11, 1896
554,617	Cnshman, A. L.	Motors, alternating starters	Feb. 11, 1896
554,622	Grier, H. G.	Igniting devices	Feb. 11, 1896
554,631	Fnlter & Kinney	Conductors, house wiring	Feb. 11, 1896
554,632	Kraemer and Kruger	Heaters, electric	Feb. 11, 1896
554,656	Colvin, F. R.	Telephones, systems, intermediate substations	Feb. 18, 1896
554,664	Eckert, T. T.	Insulators	Feb. 18, 1896
554,665	Englehard and Englehard	Igniting devices, automatic	Feb. 18, 1896
554,670	Freeman, W. K.	Magneto-electric, bipolar	Feb. 18, 1896

No.	NAME.	CLASS.	DATE.
554,671	Frisknecht, E	Telegraphy, circuit closers, thermal	Feb. 18, 1896
554,694	Homer, F. E	Railways, systems, overhead trolleys	Feb. 18, 1896
554,697	Hutchinson, W. F	Lighting, systems, car	Feb. 18, 1896
554,716	McEvoy, C. H	Connectors	Feb. 18, 1896
554,719	Oesterlein, W	Railway systems, conduit	Feb. 18, 1896
554,723	Pelonbet, E	Insulators	Feb. 18, 1896
554,759	Willms, C	Batteries, galvanic	Feb. 18, 1896
554,760	Willms, C	do	Feb. 18, 1896
554,761	Willms, C	do	Feb. 18, 1896
554,795	Reynolds, D	Electrolysis, aqueous bath	Feb. 18, 1896
554,821	Houleham, J	Electro-magnets	Feb. 18, 1896
554,859	Brown, R. C	Connectors	Feb. 18, 1896
554,862	Cooley, W. H	Telegraphy, automatic	Feb. 18, 1896
554,868	Harriman, F. H	Railways, trolley operated, track switches	Feb. 18, 1896
554,884	Leonard, A. G	Railway signals, block systems	Feb. 18, 1896
554,889	Mehren, J. F	Telegraphy, fire, variable signal	Feb. 18, 1896
554,895	Russell & Russell	Telephones, granular	Feb. 18, 1896
554,896	Snow, B. W	Lights, sockets and keys	Feb. 18, 1896
554,918	Farmer, J. R	Railway signals, block systems	Feb. 18, 1896
554,949	Nikoloff, S	Connectors	Feb. 18, 1896
554,955	Riera, M	Insulators	Feb. 18, 1896
554,957	Rowell, B. C	Railway signals, railway, sectional rail	Feb. 18, 1896
554,962	Shuttleworth, A. C	Railways systems, converters	Feb. 18, 1896
555,051	Pratt & Allin	Telephones, magnetic	Feb. 18, 1896
555,056	Slocum, E. L	Batteries, galvanic	Feb. 18, 1896
555,057	Slocum, E. L	Lighting systems, secondary batteries	Feb. 18, 1896
555,058	Slocum, E. L	Batteries, secondary	Feb. 18, 1896
555,068	Biddle, W	Lighting systems, car	Feb. 25, 1896
555,073	Bradshaw, W. L	Telephones, granular	Feb. 25, 1896
555,074	Carter, W	Inductiums, transformers, stationary	Feb. 25, 1896
555,075	Chapsal, F	Railway brakes, fluid pressure, electric	Feb. 25, 1896
555,076	Cole and Chapman	Annunciators, step-by-step	Feb. 25, 1896
555,090	Gregory, F. L	Clocks, electric	Feb. 25, 1896
555,101	Kips, J	Annunciators, drop	Feb. 25, 1896
555,112	Oehring, A. H	Lights, arc, special features	Feb. 25, 1896
555,113	Oehring and Tucker	do	Feb. 25, 1896
555,114	Oehring and Tucker	Lighting systems, display	Feb. 25, 1896
555,120	Porath, F	Alarms, aequorial	Feb. 25, 1896
555,130	Thomson, E	Indicators	Feb. 25, 1896
555,131	Thomson, E	Metal welding, metal working	Feb. 25, 1896
555,136	Warner, E. P	Motors, hand-operating devices	Feb. 25, 1896
555,145	Williams, P. A	Railways, systems, overhead	Feb. 25, 1896
555,152	Freeman, W. K	Regulators, alternating, compounding	Feb. 25, 1896
555,154	Graham, A	Telephones, granular	Feb. 25, 1896
555,160	Hartfluss, J. P	Annunciators, time	Feb. 25, 1896
555,165	Horton, L., jr	Telegraphy, repeaters	Feb. 25, 1896
555,167	Irwin, J	Railway signals, cab, sectional rail	Feb. 25, 1896
555,181	Prentice, J. F	Toys, electric	Feb. 25, 1896
555,190	Lesla, N	Motors, alternating, rotary, field	Feb. 25, 1896
555,191	Thomson, E	Regulators, compound, winding	Feb. 25, 1896
555,192	Trippe, S. L	Lighting, systems	Feb. 25, 1896
555,208	Bridges, C. M	Railways, sectional conductor, mechanical closers	Feb. 25, 1896
555,216	Knight, W. H	Magneto-electric, armatures, drums	Feb. 25, 1896
555,217	Lyneker, G. A	Railway signals	Feb. 25, 1896
555,222	Nixou, W. H	Telephones, systems, intermediate substations	Feb. 25, 1896
555,232	Browne & Chaplin	Electrolysis, aqueous bath, chemicals	Feb. 25, 1896
555,239	Garl, M	Telephones, switches	Feb. 25, 1896
555,248	Jordan, W. H	Railway signals blocks	Feb. 25, 1896
555,252	Le Sueur, E. A	Railways, general	Feb. 25, 1896
555,259	McElroy, J. F	Heaters, electric	Feb. 25, 1896
555,263	Reichel, E. B. W	Railways, systems, overhead trolleys	Feb. 25, 1896
555,266	Schwieger, C. T. H	Railways, sectional conductor, mechanical closers	Feb. 25, 1896
555,286	Alteueck and Gorges	Galvanometers	Feb. 25, 1896
555,291	Sperry, E. A	Motors, hand-operating devices	Feb. 25, 1896
555,301	Burke, J	Lighting systems, hand regulation	Feb. 25, 1896
555,303	Crowdus, W. A	Batteries, galvanic	Feb. 25, 1896
555,304	Crowdus, W. A	do	Feb. 25, 1896
555,305	Crowdus, W. A	Lights, incandescent, special features	Feb. 25, 1896
555,313	Fischer, S	Clocks, electric	Feb. 25, 1896
555,320	Knowles, E. R	Lighting, systems	Feb. 25, 1896
555,326	Myrick, E. C	Lighting, systems, safety	Feb. 25, 1896
555,376	Hunt, H. E	Railway brakes, fluid pressure, electric	Feb. 25, 1896
555,381	Kreinberg, F. M	Magneto-electric, brushes and holders	Feb. 25, 1896
555,392	Neer, H. M	Railway, rolling stock, locomotives, electric	Feb. 25, 1896

No.	NAME.	CLASS.	DATE.
555,403	Savoy, H. J.	Metal welding, metal working	Feb. 25, 1896
555,452	Klein, I.	Electrolysis, aqueous bath	Feb. 25, 1896
555,470	Baker, W. H.	Railways, sectional conductors, magnetic closers	Feb. 25, 1896
555,487	Anderson, C.	Railways, sectional conductors, mechanical closers	Mar. 3, 1896
555,488	Anderson, C.	do	Mar. 3, 1896
555,491	Barrett, M. E.	Telegraphy, fire	Mar. 3, 1896
555,503	Gibbs, L. T.	Motors, hand-operating devices	Mar. 3, 1896
555,509	Hunter, R. M.	Railways, general	Mar. 3, 1896
555,511	Jacques, W. W.	Batteries, galvanic	Mar. 3, 1896
555,529	Peckham, E.	Railway rolling stocks, electric motor	Mar. 3, 1896
555,530	Peckham, E.	do	Mar. 3, 1896
555,544	Wells, G. A.	Magneto-electric, multipolar	Mar. 3, 1896
555,571	Finson, C. H.	Railway systems, overhead, trolleys	Mar. 3, 1896
555,585	Potter, W. B.	Railway brakes, brakes, electric	Mar. 3, 1896
555,589	Telge, J. A. J.	Meters	Mar. 3, 1896
555,590	Thomson, E.	Magneto-electric, multipolar	Mar. 3, 1896
555,601	Fiedler, W.	Railway signals	Mar. 3, 1896
555,621	Scheffner, R.	Lights, arc, positive feed, gear clutch	Mar. 3, 1896
555,626	Storm, A. W.	Telegraphy, automatic	Mar. 3, 1896
555,628	Wells, G. A.	Magneto-electric, armature, ring	Mar. 3, 1896
555,634	Barrett, J. P.	Cut-outs, hangers	Mar. 3, 1896
555,645	Hempel, H.	Telephones, details	Mar. 3, 1896
555,674	Carr, W. H.	Railways, systems, overhead, trolley	Mar. 3, 1896
555,702	Hoyt, A. H.	Galvanometers	Mar. 3, 1896
555,706	Lavens, E.	Lights, arc, gravity-feed, gear clutch	Mar. 3, 1896
555,707	O'Connell, J. J.	Telephones, systems, central	Mar. 3, 1896
555,725	Hibbard, A. S.	Telephones, systems, intermediate substation	Mar. 3, 1896
555,723	Melotte, G. H.	Railways, sectional conductor, connected	Mar. 3, 1896
555,796	Whitehead, C.	Electrolysis, synthesis	Mar. 3, 1896
555,800	Reitzel, A. J.	Railways, sectional conductor, mechanical closers	Mar. 3, 1896
555,841	Adams, T. E.	Lights, arc, special features	Mar. 3, 1896
555,846	Bournonville and Zimmler	Connectors	Mar. 3, 1896
555,847	Bracket, G. F.	Horology, fire-alarms	Mar. 3, 1896
555,850	Cushman, A. L.	Magneto-electric, multipolar	Mar. 3, 1896
555,851	Cushman, A. L.	Motors, alternating	Mar. 3, 1896
555,862	Henny, J. C.	Railway brakes, magnetic clutch, winding drum	Mar. 3, 1896
555,891	Adams, T. E.	Lights, arc, gravity-feed, clutch	Mar. 3, 1896
555,895	Carpenter, C. E.	Rheostats	Mar. 3, 1896
555,899	Cushman, A. L.	Motors, alternating, starters	Mar. 3, 1896
555,922	Brady, T. H.	Insulators	Mar. 10, 1896
555,937	Enholm, O. A.	Railways, sectional conductors, mechanical closers	Mar. 10, 1896
555,938	Etheridge, H.	Telegraphy, automatic	Mar. 10, 1896
555,958	Law, M. D.	Railway systems, conduit	Mar. 10, 1896
555,959	Law, M. D.	do	Mar. 10, 1896
555,963	Morley, W. M.	Magneto-electric, multipolar	Mar. 10, 1896
555,965	O'Neill and O'Neill	Igniting devices, manual	Mar. 10, 1896
555,979	Smith, H. R.	Elevators	Mar. 10, 1896
555,984	Webb, H. L.	Telephones, calls, step by step	Mar. 10, 1896
555,992	Wirt, C.	Meters	Mar. 10, 1896
556,007	Freudenberg, M.	Telephones, electric	Mar. 10, 1896
556,027	Samuels, I.	Batteries, secondary	Mar. 10, 1896
556,028	Schmitt, D. A.	Cut-outs, thermal, plug	Mar. 10, 1896
556,034	Stone and Thompson	Telephones, systems, house	Mar. 10, 1896
556,038	Wilson, M. H.	Electrolysis, aqueous bath, apparatus	Mar. 10, 1896
556,046	Daniels, F. H.	Connectors	Mar. 10, 1886
556,072	Thomas, G. L.	Railway signals, railway, sectional rail	Mar. 10, 1896
556,079	Armstrong, A. H.	Lighting, systems, car	Mar. 10, 1896
556,138	Doyle, J. P.	Igniting devices, manual	Mar. 10, 1896
555,139	Ellis, A. E.	Railway signals, sectional rail	Mar. 10, 1896
556,161	Quarrie, G.	Medical and surgical, electric soles	Mar. 10, 1896
556,176	Chaplin and Chaplin	Magneto-electric, brushes and holders	Mar. 10, 1896
556,183	Haberthür, B.	Fences, railway gates, electric	Mar. 10, 1896
556,185	Herrick, A. B.	Cut-outs, mechanical, oscillating snap	Mar. 10, 1896
556,189	Jackson, J. B.	Igniting devices, manual	Mar. 10, 1896
556,210	Reagan, H. C.	Railways, sectional conductors, mechanical closers	Mar. 10, 1896
556,258	Doble and Watson	Measuring instruments, balances, electrical attachments	Mar. 10, 1896
556,264	Gabel, T. W.	Cut-outs, mechanical	Mar. 10, 1896
556,289	Sutton, W.	Railway rolling stock, motors, electric	Mar. 10, 1896
556,311	Esmond, E. R.	Railways, systems, closed conduit	Mar. 10, 1896
556,320	Boynnton, E. M.	Railways, systems, converters	Mar. 10, 1896

No	NAME.	CLASS.	DATE.
556,321	Burton, G. D	Railways, systems, conduit	Mar. 10, 1896
556,322	Burton, G. D	do	Mar. 10, 1896
556,342	Fay, T. J	Regulators, resistance	Mar. 17, 1896
556,359	Mershon, R. D	Motors, transmission of power	Mar. 17, 1896
556,362	McGill, J. J	Connectors	Mar. 17, 1896
556,408	Fay, T. J	Motors, hand-operating devices	Mar. 17, 1896
556,425	Lemp, H	Indicators	Mar. 17, 1896
556,426	Lemp and Lewis	Metal welding, metal working	Mar. 17, 1896
556,428	Luxmore, J. P	Clocks, electric	Mar. 17, 1896
556,435	Parkinson, J	Elevators	Mar. 17, 1896
556,437	Pyle, G. C	Lights, arc, gravity feed	Mar. 17, 1896
556,479	Spoener, T	Lights, arc, gravity-feed, gear-clutch	Mar. 17, 1896
556,488	Bassett, N. C	Railways, electric locomotives, pivoted motors	Mar. 17, 1896
556,496	Dunderdale, C. T	Telephones, granular	Mar. 17, 1896
556,510	Marshall, N	Cut-outs, mechanical, oscillating snap	Mar. 17, 1896
556,516	Osborn, B. E	Railways, sectional conductors, mechanical closers	Mar. 17, 1896
556,524	Williamson, Collins and Graham	Heaters, electric	Mar. 17, 1896
556,544	Kohn, M. M	Batteries, galvanic	Mar. 17, 1896
556,547	Hull and Boylett	Railway signals, railway	Mar. 17, 1896
556,602	Westinghouse, G	Railways, systems, conduit	Mar. 17, 1896
556,609	Anderson, I	Telephones, systems, house	Mar. 17, 1896
556,617	Carter, W	Inductoriuns, induction coils	Mar. 17, 1896
556,626	Girard and Street	Metallurgy, furnaces, electric	Mar. 17, 1896
556,616	Scott and Skinner	Testing	Mar. 17, 1896
556,654	Adams, T. E	Railways, electric locomotives	Mar. 17, 1896
556,660	Buckland, W. A. B	Batteries, secondary	Mar. 17, 1896
556,670	Grace, C. M	Telegraphy, dynamo	Mar. 17, 1896
556,693	Quimby, C. E	Lights, incandescent, special features	Mar. 17, 1896
556,708	Unger, J. E	Inductoriuns, induction coils	Mar. 17, 1896
556,763	Moore, W. A	Telephones, switches	Mar. 24, 1896
556,769	Pirsch, O	Batteries, secondary	Mar. 24, 1896
556,773	Rowell, B. C	Railway signals, cab	Mar. 24, 1896
556,782	Sussmann, M	Batteries, secondary	Mar. 24, 1896
556,788	Verstraete, E	Magneto-electric, connecting devices	Mar. 24, 1896
556,797	Zuelke, C. L	Fences, gates, electric	Mar. 24, 1896
556,823	Jewett, G. A	Cut-out, hangers	Mar. 24, 1896
556,854	Leith, J	Electrolysis, aqueous bath, ores	Mar. 24, 1896
556,862	Priest, E. D	Motors, hand-operating devices	Mar. 24, 1896
556,864	Reichel, E. B	Railways, systems, overhead, trolleys	Mar. 24, 1896
556,865	Rice, E. W	Railways, systems, distribution	Mar. 24, 1896
556,866	Rice, E. W	Elevators	Mar. 24, 1896
556,870	Soar and Collier	Magneto-electric, brushes and holders	Mar. 24, 1896
556,876	Beach, R. H	Railways, conductors, supports and insulators	Mar. 24, 1896
556,891	Lamme, B. G	Magneto-electric, bipolar	Mar. 24, 1896
556,893	Lundquist, E	Railways, electric locomotives	Mar. 24, 1896
556,898	Pyle, G. C	Lights, arc, gravity-feed	Mar. 24, 1896
556,941	Smith, F. L	Railways, systems, overhead, trolleys	Mar. 24, 1896
556,945	Thury, R	Motors, hand-operating devices	Mar. 24, 1896
556,946	Ward, A. F	Lighting systems	Mar. 24, 1896
556,959	Butterfield, F. A	Lights, incandescent	Mar. 24, 1896
556,967	Fielding, P. H	Connectors	Mar. 24, 1896
556,971	Hanson and Chapman	Railways, systems, conduit	Mar. 24, 1896
556,984	Hum, E. K	Lightning rods	Mar. 24, 1896
557,008	Mitchell, G. R	Railways, systems, overhead, trolleys	Mar. 24, 1896
557,015	O'Shaughnessy and Crosby	Railways, systems, overhead, trolleys	Mar. 24, 1896
557,037	Toquet, B. L	Connectors	Mar. 24, 1896
557,048	Brewer, H. J	Batteries, galvanic	Mar. 24, 1896
557,049	Breed, E. S	Railways, electric locomotives, pivoted motors	Mar. 24, 1896
557,094	Hutiu and Le Blanc	Motors, transmission of power	Mar. 24, 1896
557,099	Badt, F. B	Lighting systems, automatic regulation	Mar. 31, 1896
557,114	Davis, N. H	Railways, systems, overhead, trolleys	Mar. 31, 1896
557,139	Moore, C. E	Connectors	Mar. 31, 1896
557,153	Scribner, C. E	Telephones, systems, central	Mar. 31, 1896
557,154	Scribner, C. E	do	Mar. 31, 1896
557,159	Skinner, P. R	Dental instruments	Mar. 31, 1896
557,164	Steinmetz, C. P	Meters	Mar. 31, 1896
557,174	Turner, E. A	Connectors	Mar. 31, 1896
557,185	Burke, J	Motors, transmission of power	Mar. 31, 1896
557,198	Gibbs, J. S	Cut-out, mechanical rotary	Mar. 31, 1896
557,218	Oehring and Wait	Magneto-electric	Mar. 31, 1896
557,224	Perkins, C. G	Cut-outs, mechanical	Mar. 31, 1896
557,229	Ray, W. D	Lights, arc, gravity-feed	Mar. 31, 1896
557,257	Davis and Torrance	Cut-outs, thermal	Mar. 31, 1896

No.	NAME.	CLASS.	DATE.
557,258	Delany, P. B.	Railways, systems, conduit.	Mar. 31, 1896
557,272	Johnson, W. S.	Telegraphy, circuit closers, thermal	Mar. 31, 1896
557,284	Paramore, E. C.	Telephones, switches	Mar. 31, 1896
557,320	Wood and Miller	Railway signals, cab, sectional rail	Mar. 31, 1896
557,324	Burton, G. D.	Electrolysis, aqueous bath, chemicals	Mar. 31, 1896
557,325	Burton, G. D.	do	Mar. 31, 1896
557,326	Burton, G. D.	Electrolysis, aqueous bath, bleaching	Mar. 31, 1896
557,355	Boynton, E. S.	Batteries, galvanic	Mar. 31, 1896
557,356	Boynton, E. S.	do	Mar. 31, 1896
557,375	Frye, J.	Igniting devices, manual	Mar. 31, 1896
557,384	Hassler, R. H.	Motors	Mar. 31, 1896
557,386	Heath, H. E.	Rheostats	Mar. 31, 1896
557,398	Kitsee, I.	Systems of distribution	Mar. 31, 1896
557,422	Onderdonk, T. W.	Motors, reciprocating	Mar. 31, 1896
557,434	Schoenberg, Flucker and Keedwell.	Igniting devices, manual	Mar. 31, 1896
557,442	Seymour, H. A.	Railways, systems, overhead, trolleys	Mar. 31, 1896
557,497	Dyett, F. J.	Fences, gates, electric	Mar. 31, 1896
557,518	Pfuger, C. A.	Lights, arc, special features	Mar. 31, 1896
557,527	Farnham, I. H.	Telephones, systems, multiple switch	Mar. 31, 1896
557,534	Baker, F. S.	Alarms	Apr. 7, 1896
557,535	Baker, C. F.	Railway rolling stock, motors, electric	Apr. 7, 1896
557,588	Lockwood & Lockwood	Telephones, granular	Apr. 7, 1896
557,600	Peterson, C. A.	Insulators	Apr. 7, 1896
557,606	Reyman, T.	Lights, arc, gravity feed, gear-clutch	Apr. 7, 1896
557,648	Bradley, H. E.	do	Apr. 7, 1896
557,650	Chockley, W. B.	Telegraphy, circuit closers, thermal	Apr. 7, 1896
557,657	Elliott, W. R.	Railways, sectional conductors, mechanical closers	Apr. 7, 1896
557,678	Hirsch, R.	Magneto-electric, brushes and holders	Apr. 7, 1896
557,690	McIntire, C. H.	Connectors	Apr. 7, 1896
557,708	Scribner, C. E.	Telephones, systems, multiple switchboard, test	Apr. 7, 1896
557,714	Storey, I. E.	Motors	Apr. 7, 1896
557,741	Wilhelm, W. L.	Telephones, granular	Apr. 7, 1896
557,749	Alexander, W. W.	Railway signals, railway	Apr. 7, 1896
557,777	Dresher, A. K.	Cut-outs, mechanical, rotary	Apr. 7, 1896
557,779	Dusenberg, C. C.	Batteries, galvanic	Apr. 7, 1896
557,784	Edelen, W. R.	Railways, sectional conductor, mechanical closers	Apr. 7, 1896
557,819	Houser, D. E.	Annunciators	Apr. 7, 1896
557,827	Kennedy, J. M.	Railways, systems, overhead	Apr. 7, 1896
557,830	Kinney, J. M.	Conductors, house wiring	Apr. 7, 1896
557,848	Marshall, P. E.	Cut-outs, mechanical, oscillating snap	Apr. 7, 1896
557,854	Minnis, P.	Telegraphy, repeaters	Apr. 7, 1896
557,860	McCallum, W. A.	Railways, conductor supports and insulators	Apr. 7, 1896
557,869	Packard, G. F.	Magneto-electric, armature, ring	Apr. 7, 1896
557,881	Rapleye, H. W.	Insulators	Apr. 7, 1896
557,898	Scribner, C. E.	Telephones, systems, intermediate substation	Apr. 7, 1896
557,920	Vetter, A. F.	Batteries, secondary	Apr. 7, 1896
557,957	Bradley, C. S.	Motors, alternating condensers	Apr. 7, 1896
557,960	Brintnell, A. H.	Railways, sectional conductor, mechanical closers	Apr. 7, 1896
557,989	Gordon, T. M.	Alarms	Apr. 7, 1896
558,016	Ford and Jens	Connectors	Apr. 7, 1896
11,529	Kellogg, M. G.	(Reis.) Telephones, systems, multiple switchboard, test	Apr. 7, 1896
558,027	Batchelder, A. F.	Magneto-electric, armatures, drum	Apr. 14, 1896
558,028	Bathurst, F.	Railway signals, block systems	Apr. 14, 1896
558,031	Berg, E. J.	Motors, transmission of power	Apr. 14, 1896
558,033	Brinkerhoff, H. M.	Railways, system of distribution	Apr. 14, 1896
558,042	Collyer, A. E.	Telegraphy, repeaters	Apr. 14, 1896
558,045	Cox, F. B.	Electro-magnets	Apr. 14, 1896
558,052	Encke and Frölich	Electrolysis, aqueous bath, ores	Apr. 14, 1896
558,090	Moody, W. S.	Inducturiums, transformers, stationary	Apr. 14, 1896
558,091	Morrison, W.	Batteries, galvanic	Apr. 14, 1896
558,104	Potter, W. B.	Regulators, alternating	Apr. 14, 1896
558,106	Rabidge, P.	Telephones, systems	Apr. 14, 1896
558,109	Reickel, E. B. W.	Lighting systems, automatic regulation	Apr. 14, 1896
558,110	Reed, L. W.	Railways, systems, conduit	Apr. 14, 1896
558,119	Steinmetz and Berg	Motors, transmission of power	Apr. 14, 1896
558,120	Thomson and Goranson	Magneto-electric, commutators and collectors	Apr. 14, 1896
558,122	Trobach, K. O. E.	Lights, incandescent, special features	Apr. 14, 1896
558,151	Brown, W. M.	Railways, sectional conductor, magnetic closers	Apr. 14, 1896

No.	NAME.	CLASS.	DATE.
558,153	Browne, A. W. -----	Motive power, dental instruments-----	Apr. 14, 1896
558,165	Evans, F. B. -----	Insulators -----	Apr. 14, 1896
558,167	Field, S. D. -----	Telephones, details -----	Apr. 14, 1896
558,168	Field, S. D. -----	do -----	Apr. 14, 1896
558,176	Huber, P. -----	Electrolysis, aqueous bath -----	Apr. 14, 1896
558,184	Kuowlton, W. E. -----	Magneto-electric, brushes and holders -----	Apr. 14, 1896
558,238	Tyler, H. L. -----	Railways, systems, converters -----	Apr. 14, 1896
558,239	Tyler, H. L. -----	Motors, alternating, starters -----	Apr. 14, 1896
558,252	Ball, J. P. -----	Rheostats -----	Apr. 14, 1896
558,283	Krotz and Allen -----	Railways, systems, sectional conductor, magnetic closers -----	Apr. 14, 1896
558,284	Krotz, A. S. -----	Railways, systems, sectional conductor, connected -----	Apr. 14, 1896
558,299	Nickerson, H. E. -----	Cut-outs, mechanical, oscillating, snap -----	Apr. 14, 1896
558,303	Osyor, D. N. -----	Railways, systems, overhead -----	Apr. 14, 1896
558,313	Rose, A. W. -----	Telephones, granular -----	Apr. 14, 1896
558,322	Steudebach, C. F. P. -----	Railways, systems, sectional conductor, mechanical closers -----	Apr. 14, 1896
558,343	Bergquist, C. G. -----	Lights, incandescant, special features -----	Apr. 14, 1896
558,354	Cole, W. R. -----	Telephones, electric -----	Apr. 14, 1896
558,357	Conley, M. R. -----	Furnaces, electric -----	Apr. 14, 1896
558,362	Doane, F. H. -----	Rheostats -----	Apr. 14, 1896
558,385	Harrigan, R. D. -----	Bells -----	Apr. 14, 1896
558,429	Skeen, R. -----	Railways, systems, overhead -----	Apr. 14, 1896
558,450	Cutler, C. J. -----	Elevators, electric -----	Apr. 14, 1896
558,453	Gillette, H. -----	Stoves and furnaces, dampers, electric -----	Apr. 14, 1896
558,465	Bell, F. M. -----	Electrodes -----	Apr. 14, 1896
558,480	Burton, G. D. -----	Metal welding, metal working -----	Apr. 21, 1896
558,491	Harris, S. -----	Railways, electric locomotives -----	Apr. 21, 1896
558,506	Merritt and Joy -----	Telegraphy, printing, wheel -----	Apr. 21, 1896
558,507	Merritt and Joy -----	do -----	Apr. 21, 1896
558,509	Middleton, G. -----	Insulators -----	Apr. 21, 1896
558,517	Pieper, O. II. -----	Motors, hand-operating devices -----	Apr. 21, 1896
558,518	Potter, W. B. -----	do -----	Apr. 21, 1896
558,539	Waterhouse, A. G. -----	Magneto-electric, armature, ring -----	Apr. 21, 1896
558,559	Leonard, H. W. -----	Rheostats -----	Apr. 21, 1896
558,564	Rolfe, C. A. -----	Telegraphy, keys -----	Apr. 21, 1896
558,565	Roome, W. G. -----	Railway signals, sectional rail -----	Apr. 21, 1896
558,566	Roome, W. G. -----	do -----	Apr. 21, 1896
558,573	Smith, O. -----	Lights, incandescent, special features -----	Apr. 21, 1896
558,584	Field, S. D. -----	Telephones, magnetic -----	Apr. 21, 1896
558,585	Gibboney, J. W. -----	Meters -----	Apr. 21, 1896
558,602	Devine, E. J. -----	Telegraphy, railway, car -----	Apr. 21, 1896
558,609	Peeples, G. -----	Lights, incandescent, special features -----	Apr. 21, 1896
558,617	Simons, W. E. -----	Telegraphy, keys -----	Apr. 21, 1896
558,634	Colby, E. A. -----	Lights, incandescent -----	Apr. 21, 1896
558,650	Kennedy, P. -----	Regulators, resistance -----	Apr. 21, 1896
558,672	Chapman, F. E. -----	Telegraphy, relays and sounders -----	Apr. 21, 1896
558,686	Hennessey, W. H. -----	Telephones, systems, divided central -----	Apr. 21, 1896
558,687	Hinckliffe and Edes -----	Cut-outs, electro-magnetic -----	Apr. 21, 1896
558,714	Bradley, C. S. -----	Heaters, electric -----	Apr. 21, 1896
558,727	Graves, R. -----	Lights, incandescent -----	Apr. 21, 1896
558,741	Rabbitt, J. H. -----	Railways, systems, overhead trolleys -----	Apr. 21, 1896
558,749	Thomas, G. L. -----	Railway signals -----	Apr. 21, 1896
558,750	Wright, E. H. -----	Lighting, systems -----	Apr. 21, 1896
558,758	Beardsley, L. S. -----	Insulators -----	Apr. 21, 1896
558,858	Stevens & Donovan -----	Railway signals, sectional rail -----	Apr. 21, 1896
558,859	Stromberg & Carlson -----	Telephones, magnetic -----	Apr. 21, 1896
558,868	Wellman, H. P. -----	Railways, systems, overhead trolleys -----	Apr. 21, 1896
558,869	Wellman, H. P. -----	do -----	Apr. 21, 1896
558,870	Wellman, H. P. -----	do -----	Apr. 21, 1896
558,924	Badt, F. B. -----	Lighting, systems, automatic regulation -----	Apr. 21, 1896
558,953	Hoffman, E. W. G. C. -----	Railway rolling stock, locomotives -----	Apr. 21, 1896
558,970	Lugo and Jackson -----	Electrolysis, purifying liquids -----	Apr. 21, 1896
558,971	Marsh, J. W. -----	Connectors -----	Apr. 21, 1896
558,983	Pollack, C. -----	Systems of distribution -----	Apr. 21, 1896
558,989	Scovil, L. A. -----	Lights, arc, special features -----	Apr. 21, 1896
558,993	Snowden, E. P. -----	Lights, incandescent, special features -----	Apr. 21, 1896
559,038	Painter, G. E. -----	Indicators -----	Apr. 21, 1896
559,039	Painter, G. E. -----	Annunciators, step-by-step -----	Apr. 21, 1896
559,048	Barrie, J. -----	Lights, incandescent, special features -----	Apr. 21, 1896
559,066	Shickluna, J. J. -----	Lamps and gas fittings, street light hangers -----	Apr. 21, 1896
559,086	Smith, C. B. -----	Telephones, systems, house -----	Apr. 21, 1896
559,087	Smith, C. B. -----	do -----	Apr. 21, 1896
559,088	Smith, C. B. -----	do -----	Apr. 21, 1896
559,105	Munson, J. H. -----	Railways, sectional conductor, mechanical closers -----	Apr. 21, 1896

No.	NAME.	CLASS.	DATE.
559,106	Ray, F. A	Telephones, granular	Apr. 21, 1896
559,122	Daily, J. H	Lights, incandescent	Apr. 21, 1896
559,131	Gordon, T. M	Alarms	Apr. 21, 1896
559,134	Hollopeter, C. M	Galvanometers	Apr. 21, 1896
559,143	Misell, D	Lights, incandescent, special features	Apr. 21, 1896
559,168	Evans, D. E	Connectors	Apr. 21, 1896
559,175	Hunter, R. M	Railways, systems, overhead	Apr. 21, 1896
559,176	Hussey, C. A	Electro-magnets	Apr. 21, 1896
559,187	Miller, K. B	Regulators, alternating	Apr. 21, 1896
559,190	McAdams, J	Printing, ruling machines	Apr. 21, 1896
559,223	Jenny, F. W. Schindler	Heaters, electric	Apr. 21, 1896
559,232	Tournier, J. C	Lights, sockets and keys	Apr. 21, 1896
559,255	Browne, D. H	Electrolysis, aqueous bath	Apr. 21, 1896
559,274	Fitch, D. H	Bells	Apr. 21, 1896
559,275	Foster, J. L	Railways, systems, overhead trolleys	Apr. 21, 1896
559,280	Griffith, M. J	Cut-outs, electro-magnetic	Apr. 21, 1896
559,308	Palmer, R. A	Locks, electric	Apr. 21, 1896
559,340	Montgomery, E. H	Cut-outs, mechanical, rotary	Apr. 21, 1896
559,342	Place, J. F	Railways, telpher and towing	Apr. 21, 1896
559,348	Fisk, H. M	Telephones, switchboard	Apr. 21, 1896
558,924	Badt, F. B	Lighting systems, automatic regulation	Apr. 28, 1896
558,933	Hoffmann, E. W. G. C	Railway rolling stock, locomotives	Apr. 28, 1896
558,970	Lugo and Jackson	Electrolysis, purifying liquids	Apr. 28, 1896
558,971	Marsh, J. W	Connectors	Apr. 28, 1896
558,983	Pollack, C	Systems of distribution	Apr. 28, 1896
558,989	Seovil, L. A	Lights, arc, special features	Apr. 28, 1896
558,993	Snowden, E. P	Lights, incandescent, special features	Apr. 28, 1896
559,038	Painter, G. E	Indicators	Apr. 28, 1896
559,039	Painter, G. E	Annunciators, step by step	Apr. 28, 1896
559,048	Barrie, J	Lights, incandescent, special features	Apr. 28, 1896
559,066	Shickluna, J. J	Lamp or gas fittings, street light hangers	Apr. 28, 1896
559,086	Smith, C. B	Telephones, systems, house	Apr. 28, 1896
559,087	Smith, C. B	do	Apr. 28, 1896
559,088	Smith, C. B	do	Apr. 28, 1896
559,105	Munsou, J. H	Railways, sectional conductor, mechanical closers	Apr. 28, 1896
559,106	Ray, F. A	Telephones, granular	Apr. 28, 1896
559,122	Daily, J. H	Lights, incandescent	Apr. 28, 1896
559,131	Gordon, T. M	Alarms	Apr. 28, 1896
559,134	Hollopeter, C. M	Galvanometers	Apr. 28, 1896
559,143	Misell, D	Lights, incandescent, special features	Apr. 28, 1896
559,168	Evans, D. E	Connectors	Apr. 28, 1896
559,175	Hunter, R. M	Railways, systems, overhead	Apr. 28, 1896
559,176	Hussey, C. A	Special applications, electro-magnets	Apr. 28, 1896
559,187	Miller, K. B	Regulators, alternating	Apr. 28, 1896
559,190	McAdams, J	Printing, ruling machines	Apr. 28, 1896
559,223	Jenny, F. W. Schindler	Heaters, electric	Apr. 28, 1896
559,232	Tournier, J. C	Lights, sockets and keys	Apr. 28, 1896
559,255	Browne, D. H	Electrolysis, aqueous bath	Apr. 28, 1896
559,274	Fitch, D. H	Bells	Apr. 28, 1896
559,275	Foster, J. L	Railways, systems, overhead, trolleys	Apr. 28, 1896
559,280	Griffith, M. J	Cut-outs, electro-magnetic	Apr. 28, 1896
559,308	Palmer, R. A	Locks, electric	Apr. 28, 1896
559,340	Montgomery, E. H	Cut-outs, mechanical, rotary	Apr. 28, 1896
559,342	Place, J. F	Railways, telpher and towing	Apr. 28, 1896
559,348	Fisk, H. M	Telephones, switchboard	Apr. 28, 1896
559,349	Andrews, W. S	Rheostats	May 5, 1896
559,352	Becker, F	Annunciators, drop system	May 5, 1896
559,356	Brandenburg, H	Railways, systems, closed conduit	May 5, 1896
559,357	Brandenburg, H	Railways, sectional conductor, mechanical closers	May 5, 1896
559,366	Davis, J. P	Telephones, systems, multiple switch-board, divided central	May 5, 1896
559,367	Davis, J. P	do	May 5, 1896
559,376	Gentzsch, A	Caoutchouc and minor plastics, insulating compounds	May 5, 1896
559,380	Guttmann, L	Motors, alternating, starters	May 5, 1896
559,387	Jordan, A	Lights, arc, gravity feed	May 5, 1896
559,397	Morse, T. G	Telegraphy, fire	May 5, 1896
559,403	Remig, P. W	Lights, incandescent, special features	May 5, 1896
559,407	Scribner, C. E	Lights, arc, gravity feed, double dog, clutch	May 5, 1896
559,408	Scribner, C. E	do	May 5, 1896
559,409	Scribner, C. E	Telegraphy, fire	May 5, 1896
559,410	Scribner and McBerty	Telephones, systems, central	May 5, 1896
559,411	Scribner and McBerty	do	May 5, 1896
559,412	Segerdahl, R	Lights, arc, gravity feed, double dog, clutch	May 5, 1896
559,416	Soper, G. J	Telegraphy, circuit closers	May 5, 1896

No.	NAME.	CLASS.	DATE.
559,419	Steinmetz, C.	Magneto-electric, multipolar	May 5, 1896
559,454	Kellner, C.	Electrolysis, bleaching	May 5, 1896
559,461	McKenna, J.	Railways, systems, overhead, trolleys	May 5, 1896
559,474	Wirt, H. C.	Lights, sockets and keys	May 5, 1896
559,476	Appleman, L. D.	Telephones, multiple electrode	May 5, 1896
559,479	Burke, C. G.	Telegraphy, automatic	May 5, 1896
559,518	Eaton, H. F.	Recorders	May 5, 1896
559,530	Kelly, J. F.	Systems of distribution	May 5, 1896
559,531	Kelly, J. F.	Magneto electric, multipolar	May 5, 1896
559,538	Power, P. W.	do	May 5, 1896
559,576	Everest, L. J.	Railway signals, track instruments	May 5, 1896
559,584	Kelley and Chesney	Magneto-electric multipolar	May 5, 1896
559,585	Krotz, A. S.	Regulators, brush adjustment	May 5, 1896
559,586	Krotz and Allen	Railways, systems, Conduit	May 5, 1896
559,616	Scribner, C. E.	Telephones, systems, central	May 5, 1896
559,648	Wheless, M.	Lights, arc, gravity feed, double dog, clutch	May 5, 1896
559,649	Wheless, M.	do	May 5, 1896
559,685	Davis, H. P.	Rheostats	May 5, 1896
559,688	Dixon, J. G.	Railway signals, sectional rail	May 5, 1896
559,692	Fiske and Littlefield	Magneto-electric, armatures, drum	May 5, 1896
559,701	Grazier, J.	Conductors, underground	May 5, 1896
559,721	Lamme, B. G.	Motors, transmission of power	May 5, 1896
559,729	Lorenz, R. O.	Electrolysis, fused bath	May 5, 1896
559,792	Dean, W. W.	Telephones, systems, central	May 12, 1896
559,796	Goetz, A. C.	Railways, trolley-operated, track switches	May 12, 1896
559,800	Henry, W. C.	do	May 12, 1896
559,801	Hoffmann, B. B.	Lights, incandescent, special features	May 12, 1896
559,821	Spaulding, H. C.	Telegraphy, printing	May 12, 1896
559,837	Bassett, N.	Telephones, multiple, electrode	May 12, 1896
559,863	Nutting, S. E.	Lights, arc, gravity feed, gear clutch	May 12, 1896
559,869	Scribner, C. E.	Telephones, systems, intermediate substation	May 12, 1896
559,872	Stern, P. K.	Railways, motor-part along the track	May 12, 1896
559,874	Taylor, W. F.	Telephones, systems, house	May 12, 1896
559,889	Franklin and Fletcher	Clocks, electric	May 12, 1896
559,903	Pfatscher, M.	Motors, steering and propulsion	May 12, 1896
559,904	Pfatscher, M.	do	May 12, 1896
559,907	Potter, W. B.	Magneto-electric, connecting devices	May 12, 1896
559,910	Reist, H. G.	Magneto-electric, armatures, ring	May 12, 1896
559,913	Steinmetz, C. P.	Systems of distribution	May 12, 1896
559,916	Tismer, P. G.	Cut-outs, mechanical, oscillating snap	May 12, 1896
559,939	Fisher, W.	Igniting devices, manual	May 12, 1896
559,988	Berdell, T.	Telephones, electric	May 12, 1896
559,989	Berdell, T.	Telephones, multiple electrode	May 12, 1896
559,990	Berdell, T.	do	May 12, 1896
560,006	Patin and Levasseur	Magneto-electric, multipolar	May 12, 1896
560,023	Day, W. G.	Telegraphy, circuit closers, thermal	May 12, 1896
560,031	Guest, J. H.	Railways, sectional conductor, magnetic closers	May 12, 1896
560,035	Hunter, R. M.	Regulators, counter electromotive force	May 12, 1896
560,039	Mackin, A. O.	Lights, arc, gravity feed, double dog, clutch	May 12, 1896
560,043	Moulart, A. J.	Telegraphy, circuit closers, lock	May 12, 1896
560,071	Stewart, D. C.	Railway signals, block	May 12, 1896
560,076	Bastos, A. A. C.	Clocks, electric	May 12, 1896
560,087	Duncan, T.	Meters	May 12, 1896
560,096	Jordan, F. C.	Annunciator, time	May 12, 1896
560,097	Keithley, H. R.	Railways, systems, overhead	May 12, 1896
560,098	Keithley, H. R.	do	May 12, 1896
560,102	Lattig, J. W.	Railway signals, sectional rail	May 12, 1896
560,128	Harrington, W. E.	Cut-outs, thermal	May 12, 1896
560,155	Curtis, E. A.	Railway rolling stock, electric motors, equalizing covers	May 12, 1896
560,168	Leonard, H. W.	Lights, sockets and keys	May 12, 1896
560,193	Creelman, A. L.	Railway signals, sectional rail	May 19, 1896
560,212	Herzog, F. B.	Annunciators	May 19, 1896
560,216	Hilder, J. D.	Regulators, resistance	May 19, 1896
560,217	Hilder, J. D.	do	May 19, 1896
560,255	Brady, F. H.	Lights, arc, special features	May 19, 1896
560,262	Edeburn, A. N.	do	May 19, 1896
560,265	Henry, J. C.	Railways, system, distribution	May 19, 1896
560,269	Leidgen, N.	Cut-outs, hangers	May 19, 1896
560,272	Lloyd, R. Mc A.	Batteries, secondary	May 19, 1896
560,275	Munro, D. M.	Telephones, systems, multiple switch-board	May 19, 1896
560,284	Rudolph, W. T.	Igniting devices, manual	May 19, 1896
560,293	Biddle, W.	Railway signals, cab, sectional rail	May 19, 1896
560,313	Dixon, T. B.	Telegraphy, quadruplex	May 19, 1896
560,315	Gilbert, J. W.	Motive power, dental instruments	May 19, 1896
560,328	Schorch, R.	Magneto-electric, bipolar	May 19, 1896

No.	NAME.	CLASS.	DATE.
560,340	Buchel, J.	Rheostats	May 19, 1896
560,358	King, G. J.	Annunciators	May 19, 1896
560,359	Leonard, M. B.	Railway signals, track instruments	May 19, 1896
560,360	Leonard, M. B.	do	May 19, 1896
560,366	Payne, D. W.	Metal welding, metal working	May 19, 1896
560,370	Rudolph, W. F.	Igniting devices, manual	May 19, 1896
560,375	Sperry, E. A.	Railways, electric locomotives	May 19, 1896
560,379	Thomson, E.	Galvanometers	May 19, 1896
560,387	Bagnall, E. J.	Lights, arc, gravity feed, clutch	May 19, 1896
560,403	Field, S. D.	Telephones, magnetic	May 19, 1896
560,411	Kellner, C.	Electrolysis, aqueous bath, bleaching	May 19, 1896
560,421	McLanghlin, J.	Lights, arc, gravity feed clutch	May 19, 1896
560,423	Peirce, J. A.	Coin controlled apparatus, induction coils	May 19, 1896
560,427	Potter, W. B.	Railway signals, cab, sectional rail	May 19, 1896
560,428	Potter, W. B.	Motors, hand-operating devices	May 19, 1896
560,451	West, J. C.	Railway signals, cab, sectional rail	May 19, 1896
560,452	Westinghouse, G. jr.	Railways, sectional conductor, magnetic closers	May 19, 1896
560,455	Wyman and Daniels	Connectors	May 19, 1896
560,471	Chapman, W.	Railways, sectional conductor, magnetic closers	May 19, 1896
560,472	Chapman and Davis	do	May 19, 1896
560,473	Chapman, W.	do	May 19, 1896
560,476	Coffin, C. L.	Lights, arc, special features	May 19, 1896
560,503	Ihlder, J. D.	Lighting systems, safety	May 19, 1896
560,506	Keil and Keil	Bells	May 19, 1896
560,513	Lundell, R.	Railways, sectional conductor, magnetic closers	May 19, 1896
560,518	Meyrueis, J.	Electrolysis, aqueous bath, chemicals	May 19, 1896
560,533	Lloyd, M. Perreux	Electrolysis, aqueous bath, depolarizing and burnishing	May 19, 1896
560,551	Therrell, D. Mac L.	Railways, sectional conductor, magnetic closers	May 19, 1896
560,569	Brinsler, J. D.	Motors	May 19, 1896
560,572	Davis, G. H.	Type writing machines, electric	May 19, 1896
560,573	Davis, G. H.	do	May 19, 1896
560,588	Leonard, H. W.	Rheostats	May 19, 1896
560,591	Lundell, R.	Motors, alternating starters	May 19, 1896
560,617	Khotinsky, A. de	Telephones, systems, central	May 19, 1896
560,619	Leonard, M. B.	Railway signals, sectional rail	May 19, 1896
560,652	Schmidt, F. M.	Motors	May 26, 1896
560,658	Sperry, E. A.	Motors, hand-operating devices	May 26, 1896
560,667	Wirt, H. C.	Lights, sockets and keys	May 26, 1896
560,671	Adams, T. E.	Lights, arc, gravity feed, clutch	May 26, 1896
560,678	Brandenburg, H.	Railways, systems, closed conduit	May 26, 1896
560,679	Breed, G.	Music, electric actions	May 26, 1896
560,685	Cabell, M. S.	Electrolysis, purifying liquids, water	May 26, 1896
560,721	Johnson and Lundell	Railways, sectional conductor, magnetic closers	May 26, 1896
560,735	Moody, W. S.	Regulators, alternating, compounding	May 26, 1896
560,737	Morgan, W. H.	Magneto-electric	May 26, 1896
560,757	Scribner, C. E.	Telephones, systems, central	May 26, 1896
560,761	Stone, J. S.	Telephones, systems, multiple switch-board, test	May 26, 1896
560,762	Stone, J. S.	Telephones, systems, central	May 26, 1896
560,766	Van Vleck, J.	Cut-outs, electro-magnetic	May 26, 1896
560,772	Bowker, R. R.	Lighting systems, hand regulation	May 26, 1896
560,792	Haines and Fernald	Lights, arc, gravity feed, clutch	May 26, 1896
560,807	Lobach, W.	Railways, systems, conduit	May 26, 1896
560,816	Peckham, E.	Railway rolling stock, electric motors, rigid-frame	May 26, 1896
560,819	Reagan, H. C.	Cut-outs, thermal, successive	May 26, 1896
560,821	Reynolds, J. C.	Cut-outs, thermal	May 26, 1896
560,828	Wunderle, P.	Connectors	May 26, 1896
560,841	Connett, A. N.	Railways, systems, conduit	May 26, 1896
560,845	Dean, W. W.	Telephones, systems, central	May 26, 1896
560,852	Hollopeter, C. M.	Friction generators	May 26, 1896
560,861	Pickernell and Perrin	Telephones, systems	May 26, 1896
560,894	Connett and Detrich	Railways, systems, conduit	May 26, 1896
560,903	Jordan, W. H.	Railways, signals, sectional rail	May 26, 1896
560,917	McGurty, J. H.	Railways, telepher and towing	May 26, 1896
560,921	Pearson, R.	Telegraphy, circuit closers, thermal	May 26, 1896
560,931	Rawson, W. S.	Electrolysis, aqueous bath, ores	May 26, 1896
560,958	Halpin, N. J.	Railways, sectional conductor, magnetic closers	May 26, 1896
561,002	Keiholtz, P. O.	Regulators, compounding machines	May 26, 1896
561,046	Collier, S. J.	Medical and surgical	May 26, 1896

No.	NAME.	CLASS.	DATE.
561,073	Cooper, W	Telegraphy, lightning arresters, thermal	May 26, 1896
11,542	Henry, J. C. (Reis.)	Railway rolling stock, locomotives, electric	May 26, 1896
11,543	Henry, J. C. (Reis.)	do	May 26, 1896
11,544	Stieringer, L. (Reis.)	Lights, incandescent, special features	May 26, 1896
11,545	Whittingham, G. W. (Reis.)	Regulators, resistance	May 26, 1896
561,107	Goucher, W. E.	Telegraphy, circuit closers, lock	June 2, 1896
561,116	Land, F.	Cut-outs, mechanical, oscillating snap	June 2, 1896
561,124	McCullough, J. L.	Annunciators	June 2, 1896
561,128	Rangey and Plainte	Railways, system, overhead	June 2, 1896
561,144	Trudean, J. A. J.	Motors, alternating, pivoted, field	June 2, 1896
561,159	Downes, L.	Cut-outs, thermal	June 2, 1896
561,168	Kelsey, F. N.	Railways, systems, overhead	June 2, 1896
561,183	Waterhouse, A. G.	Meters	June 2, 1896
561,204	Curtis, F. G.	Batteries, galvanic	June 2, 1896
561,205	Curtis, F. G.	do	June 2, 1896
561,224	Henry, J. C.	Railway rolling stock, locomotives, electric	June 2, 1896
561,284	Ross, H.	Cut-outs, mechanical, oscillating snap	June 2, 1896
561,307	Brandenburg, H.	Railways, systems, conduit	June 2, 1896
561,335	Miller, K. B.	Telephones, systems, divided, central	June 2, 1896
561,358	Sutton, G. W.	Telephones, granular	June 2, 1896
561,377	Pean and Dean	Telephones, calls	June 2, 1896
561,388	Gartner, A.	Connectors	June 2, 1896
561,390	Gravier, A. I.	Magneto-electric, bipolar	June 2, 1896
561,395	Henszey, W. P.	Railway rolling stock, locomotives, electric	June 2, 1896
561,416	Miller, J. H.	Telephones, details	June 2, 1896
561,417	Minnis, P.	Telephones, systems, multiple switchboard	June 2, 1896
561,418	Minnis, P.	do	June 2, 1896
561,419	Minnis, P.	Telephones, systems, multiple switchboard, test	June 2, 1896
561,420	Minnis, P.	Telephones, systems, multiple switchboard	June 2, 1896
561,421	Minnis, P.	Telephones, details	June 2, 1896
561,422	Minnis, P.	Telephones, switchboards	June 2, 1896
561,423	Minnis, P.	Telephones, switches	June 2, 1896
561,424	Minnis, P.	Telephones, switchboards	June 2, 1896
561,430	Pfatischer, M.	Indicators	June 2, 1896
561,431	Pfatischer, M.	do	June 2, 1896
561,438	Robertson, D. M.	Connectors	June 2, 1896
561,443	Schmidt, J.	Lights, incandescent special features	June 2, 1896
561,445	Slater and Renstrom	Medical and surgical, chairs and couches	June 2, 1896
561,498	Deau, W. W.	Telephones, systems, intermediate substation	June 2, 1896
561,525	Ruddick, J. J.	Telegraphy, fire	June 2, 1896
561,526	Ruddick, J. J.	do	June 2, 1896
561,530	Taylor, J.	Railway rolling stock, trucks, rigid frames	June 2, 1896
561,560	Bergmann, S.	Lights, arc, gravity-feed, ring-clutch	June 9, 1896
561,565	Clelland and Madden	Alarms, aqueoreal	June 9, 1896
561,581	Guett, M.	Cut-outs, mechanical, oscillating snap	June 9, 1896
561,588	Honig, J. L.	Alarms	June 9, 1896
561,590	Ide, F. P.	Magneto-electric, armatures, drum	June 9, 1896
561,593	Lamue, B. G.	Magneto-electric, multipolar	June 9, 1896
561,601	Morey, E. L.	Telephones, details	June 9, 1896
561,619	Seligmann, G. P.	Telephones, details	June 9, 1896
561,653	Butler, E.	Telegraphy, relays and sounders	June 9, 1896
561,657	Cox, H. B.	Batteries, thermal	June 9, 1896
561,698	Cook, L.	Connectors	June 9, 1896
561,699	Cooley, W. H.	Motors, alternating starters	June 9, 1896
561,700	Cooley, W. H.	Motors, alternating, starters	June 9, 1896
561,711	Hood, R. O.	Meters	June 9, 1896
561,735	Steinmetz, C. P.	Systems of distribution	June 9, 1896
561,769	Deau and Snyder	Railway rolling stock, locomotives, electric	June 9, 1896
561,777	Essberger and Geyer	Motors, hand-operating devices	June 9, 1896
561,803	Mayer, F. G.	Magneto-electric, uniform, field	June 9, 1896
561,810	Ortner, G. J.	Batteries, two fluid-zinc-sulphates	June 9, 1896
561,821	Schlesinger, W. M.	Railways, systems, conduit	June 9, 1896
561,828	Smith, H. R.	Motive power, elevators	June 9, 1896
561,830	Stanley, C. E.	Railways, systems, conduit	June 9, 1896
561,838	Valley, G.	Motors, hand-operating devices	June 9, 1896
561,839	Valley, G.	do	June 9, 1896
561,867	Cooley, W. H.	Inductariums, transformers, stationary	June 9, 1896
561,872	Dormeal, G. de Sde	Batteries, secondary	June 9, 1896
561,878	Fogalsang, T. E.	Batteries, galvanic	June 9, 1896
561,881	Geary and Schmidt	Music, electric, actions	June 9, 1896
561,898	Lefler, P. W.	Railways, motors, part along the track	June 9, 1896
561,899	Lefler, P. W.	do	June 9, 1896
561,918	Rowland, H. A.	Galvanometers	June 9, 1896
561,919	Rowland, H. A.	do	June 9, 1896
561,943	Mitchell, R. A.	Clocks, electric	June 9, 1896

No.	NAME.	CLASS.	DATE.
561,951	Grutting, T.	Connectors	June 9, 1896
561,958	Barstow and Lindsay	Lighting, systems	June 16, 1896
561,975	Dow, A.	Medical and surgical, body-wear	June 16, 1896
561,977	Duncan, T.	Galvanometers	June 16, 1896
561,982	Franklin, H. H.	Alarms	June 16, 1896
561,991	Holland and Glazier	Railways, systems, overhead	June 16, 1896
562,004	Law, E. F. G.	Telegraphy, multiplex	June 16, 1896
562,009	Maxwell, G. S.	Telephones, systems, multiple switch-board	June 16, 1896
562,010	Maxwell, G. S.	Telephones, systems, central	June 16, 1896
562,011	Maxwell, G. S.	do	June 16, 1896
562,012	Maxwell, G. S.	Telephones, systems multiple switch-board	June 16, 1896
562,013	Maxwell, G. S.	do	June 16, 1896
562,019	Osgood, R. P.	Batteries, galvanic	June 16, 1896
562,030	Roberts, I. L.	Lights, filaments and carbons	June 16, 1896
562,034	Ruddick, J. J.	Telegraphy, fire, non-interfering	June 16, 1896
562,055	Wellman, H. P.	Connectors	June 16, 1896
562,062	Armstrong, A. H.	Regulators, alternating	June 16, 1896
562,064	Berditschewsky, S.	Telephones, systems, automatic	June 16, 1896
562,090	Okun, M. S.	Lights, arc, gravity feed, clutch	June 16, 1896
562,100	Sperry, E. A.	Motors, hand-operating devices	June 16, 1896
562,107	Wiggins, W. H.	Connectors	June 16, 1896
562,116	Bryant, E. A.	Motors, hand-operating devices	June 16, 1896
562,132	Graf, M. T.	Railways, systems, overhead trolley	June 16, 1896
562,142	McElroy, J. F.	Cut-outs, mechanical, rotary	June 16, 1896
562,166	Blankinsop and Brown	Insulators	June 16, 1896
562,179	German and Downing	Magneto-electric, multipolar	June 16, 1896
562,208	Waegel, W.	Lights, incandescent, special features	June 16, 1896
562,209	Bowker, R. R.	Lighting systems, hand regulation	June 16, 1896
562,216	Coerper, C.	Railways, systems, converters	June 16, 1896
552,253	Shoecraft, J.	Railway signals, block systems	June 16, 1896
562,261	Toquet, B. L.	Lighting systems, test	June 16, 1896
562,304	Kiliam, M.	Electrolysis, aqueous bath	June 16, 1896
562,313	Lyford, O. S.	Lights, arc, special features	June 16, 1896
562,318	McBrien, F.	Railway signals	June 16, 1896
562,325	Rohrdantz, H.	Alarms, burglar	June 16, 1896
562,353	Brazelton and Zoeller	Telegraphy, circuit-closers, thermal	June 16, 1896
562,356	Cushman, S. D.	Railways, systems, overhead	June 16, 1896
562,365	Arnold, E.	Motors, alternating, starters	June 23, 1896
562,366	Arnold, E.	do	June 23, 1896
562,365	Grnhlke and Kessler	Special applications, igniting devices, manual	June 23, 1896
562,396	Gülcher, R. J.	Batteries, secondary	June 23, 1896
562,398	Henry, J. C.	Railway rolling stock, locomotives, electric	June 23, 1896
562,400	King and Wyatt	Metallurgy, furnaces, electric	June 23, 1896
562,402	King and Wyatt	Electrolysis, synthesis, ozone	June 23, 1896
562,403	King and Wyatt	Metallurgy, furnaces, electric	June 23, 1896
562,406	Meek, M. E.	Railway rolling stock, electric motors, equalizing-levers	June 23, 1896
562,429	Skinner, C. E.	Lighting systems, display	June 23, 1896
562,431	Stearns, C. H.	Telegraphy, fire, automatic	June 23, 1896
562,435	Stone, J. S.	Telephones, systems, central	June 23, 1896
562,453	Brandenburg, H.	Railways, sectional conductor, mechanical closers	June 23, 1896
562,483	Phillips, S. L.	Railways, systems, conduit	June 23, 1896
562,484	Phillips, S. L.	do	June 23, 1896
562,494	Seymour, H. A.	Lighting systems, overhead trolleys	June 23, 1896
562,501	Sperry, E. A.	Motors, hand-operating devices	June 23, 1896
562,502	Storey, I. E.	Railways, electric locomotives, pivoted motion	June 23, 1896
562,523	Gray, H. A.	Railways, systems, overhead trolleys	June 23, 1896
562,527	Hadaway and Davis	Stoves and furnaces, heaters, electric	June 23, 1896
562,528	Hakanson, L. M.	Insulators	June 23, 1896
562,541	Kinsman, F. E.	Lighting, systems, car	June 23, 1896
562,561	Allen, C. E.	Telegraphy, printing	June 23, 1896
562,564	Allen, C. E.	Special applications, electro-magnets	June 23, 1896
562,579	Cliff, E.	Railway rolling stock, electric motors, rigid frame	June 23, 1896
562,591	Dowling, P. J.	Railways, systems, overhead trolleys	June 23, 1896
562,609	Higham, D.	Lights, arc, special features	June 23, 1896
562,633	Mailloux, C. O.	Conductors, house wiring	June 23, 1896
562,639	Miller, H. V.	Railway signals, track instruments	June 23, 1896
562,647	Oppenheimer, L. K.	Lighting, systems	June 23, 1896
562,657	Pratt, A. L.	Cut-outs, mechanical	June 23, 1896
562,680	Waterhouse, A. J.	Meters	June 23, 1896
562,686	Wightman, M. J.	Motors, alternating, rotary, field	June 23, 1896
562,731	Kraus, R. W. J.	Alarms	June 23, 1896
562,745	Smith, R. C.	Motors, hand-operating device	June 23, 1896

No.	NAME.	CLASS.	DATE.
562,765	Horton, W. P., jr -----	Medical and surgical electrodes -----	June 23, 1896
562,775	Rider, H. E. -----	Special applications, igniting devices, manual -----	June 23, 1896
562,776	Silvey, W. L. -----	Batteries, secondary -----	June 23, 1896
562,785	Schwahn, H. F. D -----	Electrolysis, fused bath -----	June 23, 1896
562,796	Brandenburg, H. -----	Railways, sectional conductors, mechanical closers -----	June 30, 1896
562,808	Davis and Crompton -----	Conductors, underground -----	June 30, 1896
562,850	Plummer, F. O. -----	Special applications, igniting devices, manual -----	June 30, 1896
562,864	Storer, N. W. -----	Magneto-electric, bipolar -----	June 30, 1896
562,868	Warren and Warren -----	Magneto-electric, multipolar -----	June 30, 1896
562,884	Canfield, C. E. -----	Railway rolling stock, electric motor, bogies -----	June 30, 1896
562,890	Ford, B. -----	Railways, sectional conductor, magnetic closers -----	June 30, 1896
562,891	Galbraith, G. J. -----	Special applications, igniting devices, manual -----	June 30, 1896
562,894	Hanshue, W. E. -----	Railways, systems, conduit -----	June 30, 1896
562,904	Metzger, I. B. -----	Railways, systems, overhead trolley -----	June 30, 1896
562,906	McBerty, F. R. -----	Telephones, systems, central -----	June 30, 1896
562,917	Rogers, C. B. -----	Telegraphy, circuit-closers, thermal -----	June 30, 1896
562,924	Scott, G. J. -----	Motors, transmission of power -----	June 30, 1896
562,925	Seymour, H. A. -----	Railways, electric locomotives, electric control -----	June 30, 1896
562,929	Sherwood, C. H. -----	Railway signals, block -----	June 30, 1896
562,937	Thomson, A. C. -----	Special applications, igniting devices, manual -----	June 30, 1896
562,972	Powell, C. E. -----	Railways, systems, overhead trolleys -----	June 30, 1896
562,980	Scovil and Gooding -----	Cut-outs, thermal -----	June 30, 1896
563,016	Collicott, E. S. -----	Medical and surgical, electrodes -----	June 30, 1896
563,025	Du Perow, M. -----	Telephones, calls -----	June 30, 1896
563,033	Hagerty, T. F. -----	Telegraphy, circuit-closers -----	June 30, 1896
563,073	Scribner, C. E. -----	Telephones, systems, central -----	June 30, 1896
563,093	Szontagh and Schneider -----	Electrolysis, aqueous bath -----	June 30, 1896
563,119	Austin, F. B. -----	Mills, amalgamators -----	June 30, 1896
563,127	Boynton, E. S. -----	Batteries, galvanic -----	June 30, 1896
563,138	Cortland, H. -----	Telegraphy, circuit-closers, thermal -----	June 30, 1896
563,143	Douglass, J. -----	Electrolysis, aqueous bath, ores -----	June 30, 1896
563,144	Douglass, J. -----	do -----	June 30, 1896
563,148	Essick, S. V. -----	Telegraphy, automatic -----	June 30, 1896
563,149	Essick, S. V. -----	do -----	June 30, 1896
563,189	Lacy, G. W. -----	Railway rolling stock, electric motors, rigid frame -----	June 30, 1896
563,203	McCoy, J. R. -----	Telegraphy, circuit-closers, thermal -----	June 30, 1896
563,244	Keithly, W. C. -----	Railways, systems, conduit -----	June 30, 1896
563,245	Scribner, C. E. -----	Telephones, systems, multiple switch-board -----	June 30, 1896

APPENDIX No. XV.

PART III.

CONSISTING OF AN
ALPHABETICAL INDEX OF ALL PATENTS
RELATING TO
ELECTRICITY.

Issued from July 1, 1895, to June 30, 1896, inclusive, giving names of inventors,
number and dates of patents, and the sub-class to which each belongs.

ALPHABETICAL INDEX

OF

PATENTS RELATING TO ELECTRICITY

FROM JULY 1, 1895, TO JUNE 30, 1896.

No.	NAME.	CLASS.	DATE.
545,042	Abankanowicz, B. A.	Transmission of power, direct	Aug. 27, 1895
542,982	Acheson, E. G.	Lights, filaments and carbous	July 23, 1895
550,469	Ackroyd and Best	Igniting devices, manual	Nov. 26, 1895
542,036	Adams, T. E.	Railways, electric locomotives	July 2, 1895
545,755	Adams, T. E.	Lights, arc, special features	Sept. 3, 1895
547,106	Adams, T. E.	do	Oct. 1, 1895
555,841	Adams, T. E.	do	Mar. 3, 1896
548,413	Adams, T. E.	Lights, arc, gravity-feed, clutch	Oct. 22, 1895
548,414	Adams, T. E.	do	Oct. 22, 1895
550,574	Adams, T. E.	do	Dec. 3, 1895
555,891	Adams, T. E.	do	Mar. 3, 1896
560,671	Adams, T. E.	do	May 26, 1896
546,654	Adams, T. E.	Railways, electric locomotives	Mar. 17, 1896
547,472	Adams, W. S.	Railways, rolling stock, rigid frame	Oct. 8, 1895
544,876	Adelsberg, J. K.	Indicators	Aug. 20, 1895
546,062	Aiken, I. D.	Regulators, resistance	Sept. 10, 1895
545,835	Alexander, J. R.	Alarms, burglar	Sept. 3, 1895
549,304	Alexander, S.	Coin controlled apparatus, telephones	Nov. 5, 1895
548,282	Alexander, W. W.	Telephones, calls, step by step	Oct. 22, 1895
557,749	Alexander, W. W.	Railway signals, railway	Apr. 7, 1896
542,953	Alimonda von and Alimonda von	Batteries, galvanic	July 16, 1895
562,561	Allen, C. E.	Telegraphy, printing	June 23, 1896
562,564	Allen, C. E.	Special applications, electro-magnets	June 23, 1896
550,812	Allen, E. R.	Electrolysis, aqueous bath apparatus	Dec. 3, 1895
554,102	Allen, W. P.	Railways, collapsible tube conductor	Feb. 4, 1896
554,103	Allen, W. P.	do	Feb. 4, 1896
554,104	Allen, W. P.	do	Feb. 4, 1896
544,647	Alsop, C. R.	Railway signals, block	Aug. 20, 1895
555,286	Alteneck and Görges	Galvanometers	Feb. 25, 1896
545,005	Ames and Parker	Electric lighting, systems	Aug. 20, 1895
549,094	Amrock, E. S.	Railway brakes, fluid pressure, direct	Nov. 5, 1895
550,432	Anck, J. M.	Igniting devices, manual	Nov. 26, 1895
555,487	Anderson, C.	Railways, sectional conductors, mechanical closers	Mar. 3, 1896
555,488	Anderson, C.	do	Mar. 3, 1896
556,609	Anderson, I.	Telephones, systems, house	Mar. 17, 1896
559,349	Andrews, W. S.	Rheostats	May 5, 1896
553,635	Anspack, N. H.	Railways, collapsible tube conductor	Jan. 28, 1896
549,045	Anthony, M.	Telegraphy, circuit closers, burglar	Oct. 29, 1895
559,476	Appleman, L. D.	Telephones, multiple electrode	May 5, 1896
548,415	Archer, F. M.	Batteries, galvanic	Oct. 22, 1895
556,079	Armstrong, A. H.	Lighting, systems, car	Mar. 10, 1896
562,062	Armstrong, A. H.	Regulators, alternating	June 16, 1896
542,617	Arnold, C. H.	Telephones, relays and repeaters	July 16, 1895
542,618	Arnold, C. H.	do	July 16, 1895
542,619	Arnold, C. H.	do	July 16, 1895
542,913	Arnold, C. H.	do	July 16, 1895
543,836	Arnold, E.	Motors, alternating starters	Aug. 6, 1895
562,365	Arnold, E.	do	June 23, 1896
562,366	Arnold, E.	do	June 23, 1896
546,802	Aryton and Mather	Galvanometers	Sept. 24, 1895
563,119	Austin, F. B.	Mills, amalgamators	June 30, 1896
553,296	Aylsworth, J. W.	Lights, filaments and carbons	Jan. 21, 1896
553,328	Aylsworth, J. W.	do	Jan. 21, 1896
550,577	Bach, C.	Cut-outs, mechanical, oscillating snap	Dec. 3, 1895
553,605	Bachns, E. E.	Telegraphy, circuits and systems	Jan. 28, 1896
544,278	Badt, F. B.	Rheostats	Aug. 13, 1895
548,904	Badt, F. B.	Telegraphy, circuit closers, retarded	Oct. 29, 1895
549,485	Badt, F. B.	Railways, electric locomotives	Nov. 12, 1895
557,099	Badt, F. B.	Lighting systems, automatic regulation	Mar. 31, 1896
558,924	Badt, F. B.	do	Apr. 21, 1896
558,924	Badt, F. B.	do	Apr. 28, 1896
560,387	Bagnall, E. J.	Lights, arc, gravity-feed, clutch	May 19, 1896

No	NAME.	CLASS.	DATE.
553,637	Bagnall and Arnold	Lights, arc, special features	Jan. 28, 1896
553,297	Baker, W. S. G.	Railway rolling stock, rigid frame, electric	Jan. 21, 1896
553,298	Baker, W. S. G.	do	Jan. 21, 1896
554,016	Baker, F. S.	Alarms	Feb. 4, 1896
557,534	Baker, F. S.	do	Apr. 7, 1896
555,470	Baker, W. H.	Railways, sectional conductors, magnetic closers	Feb. 25, 1896
557,535	Baker, C. F.	Railway rolling stock, motors, electric	Apr. 7, 1896
551,664	Baker and McLain	Electric locomotive	Dec. 17, 1895
545,869	Baldwin, R. A.	Connectors	Sept. 10, 1895
545,870	Baldwin, R. A.	Railways, switches	Sept. 10, 1895
547,834	Baldwin, W. D.	Motors, transmission of power, direct	Oct. 15, 1895
558,252	Ball, J. P.	Rheostats	Apr. 14, 1896
542,228	Ball and Lieb	Railways, conductor supports and insulators	July 9, 1895
546,874	Banks, W. F.	Telegraphy, fire variable, signal, dial	Sept. 24, 1895
542,916	Baue, A. B. Y.	Railway signals, cab sectional rail	July 16, 1895
551,942	Barnes and Slater	Railway signals, railway	Dec. 24, 1895
555,491	Barrett, M. E.	Telegraphy, fire	Mar. 3, 1896
555,634	Barrett, J. P.	Cut-outs, hangers	Mar. 3, 1896
559,048	Barrie, J.	Lights, incandescent, special features	Apr. 21, 1896
559,048	Barrie, J.	do	Apr. 28, 1896
548,419	Barstow, W. S.	Meters	Oct. 22, 1895
561,958	Barstow and Lindsay	Lighting, systems	June 16, 1896
556,488	Bassett, N. C.	Railways, electric locomotives, pivoted motors	Mar. 17, 1896
559,837	Bassett, N.	Telephones, multiple, electrode	May 12, 1896
560,076	Bastos, A. A. C.	Clocks, electric	May 12, 1896
558,027	Batchelder, A. F.	Magneto-electric, armatures, drum	Apr. 14, 1896
552,811	Batchelor, J. F.	Steam valves, electric throttles	Jan. 7, 1896
558,028	Bathurst, F.	Railway signals, block systems	Apr. 14, 1896
556,876	Beach, R. H.	Railways, conductors, supports and insulators	Mar. 24, 1896
548,504	Beach and Kern	Railways, general	Oct. 22, 1895
551,357	Beal, C. A.	Lights, sockets and keys	Dec. 17, 1895
558,758	Beardsley, L. S.	Insulators	Apr. 21, 1896
553,552	Beck, A.	Railways, systems, conduit	Jan. 28, 1896
559,352	Becker, F.	Annunciators, drop system	May 5, 1896
542,459	Beckwith, S. R.	Medical and surgical, body wear	July 9, 1895
515,187	Belcher, W. J.	Railways, conductors, supports and insulators	Aug. 27, 1895
544,341	Bell, O. A.	Telephones, systems, multiple switch board, tests	Aug. 13, 1895
558,465	Bell, F. M.	Electrodes	Apr. 14, 1896
559,988	Berdell, T.	Telephones, electric	May 12, 1896
559,989	Berdell, T.	Telephones, multiple electrode	May 12, 1896
559,990	Berdell, T.	do	May 12, 1896
562,064	Berditschewsky, S.	Telephones, systems, automatic	June 16, 1896
546,725	Berditschewsky and Freudenberg	do	Sept. 24, 1895
546,806	Berg, E. J.	Motors, transmission of power	Sept. 24, 1895
534,230	Berg, E. J.	Motors, alternating	Feb. 11, 1896
558,031	Berg, E. J.	Motors, transmission of power	Apr. 14, 1896
552,574	Bergmann, S.	Cut-outs, mechanical, rotary	Jan. 7, 1896
561,560	Bergmann, S.	Lights, arc, gravity-feed, ring-clutch	June 9, 1896
558,343	Bergquist, C. G.	Lights, incandescent, special features	Apr. 14, 1896
548,027	Bernhard, C. H.	Telephones, supports	Oct. 15, 1895
530,673	Beron, F. G.	Insulators	Dec. 3, 1895
543,328	Bertels, C. E.	Telephones, supports	July 23, 1895
548,028	Beseler, C.	Lights, arc, special features	Oct. 15, 1895
543,917	Beswick, J. T.	Conductors	Aug. 6, 1895
545,008	Biddell, G. W.	Railways, systems, overhead trolleys	Aug. 20, 1895
547,536	Biddle, W.	Lighting systems, car	Oct. 8, 1895
547,835	Biddle, W.	do	Oct. 15, 1895
550,242	Biddle, W.	do	Nov. 26, 1895
550,860	Biddle, W.	do	Dec. 3, 1895
555,068	Biddle, W.	do	Feb. 25, 1896
560,293	Biddle, W.	Railway signals, cab, sectional rail	May 19, 1896
547,537	Biddle and Dey	Conductors	Oct. 8, 1895
543,843	Bigger, J. S.	Telephones, relays and repeaters	Aug. 6, 1895
548,509	Black, J. L.	Railway brakes, solenoid operated	Oct. 22, 1895
548,510	Black, J. L.	do	Oct. 22, 1895
543,721	Blackey, E.	Railway signals	July 30, 1895
551,712	Blackford and Buchanan	Magneto-electric, multipolar	Dec. 17, 1895
552,094	Blades, H. H.	Regulators, resistance	Dec. 31, 1895
562,166	Blankinsop and Brown	Insulators	June 16, 1896
554,571	Blazan, J. H.	Railways, systems, overhead trolleys	Feb. 11, 1896
545,569	Bliss, H. H.	Stone working, mining machines	Sept. 3, 1895
545,570	Bliss, H. H.	Motive power, motors	Sept. 3, 1895

No.	NAME.	CLASS.	DATE.
545,191	Boardman, A. F.	Telephones, switches	Aug. 27, 1895
543,372	Boettcher, E.	Batteries, secondary	July 23, 1895
547,323	Boggs and Cleaver	Railways, electric locomotives	Oct. 1, 1895
552,036	Böhm, L. K.	Lights, filaments and carbons	Dec. 24, 1895
552,271	Bolton, O.	Railways, systems, battery	Dec. 31, 1895
543,435	Bonta, A. K.	Electric locomotives, electric control	July 23, 1895
552,982	Borland, F. J.	Lights, arc, positive feed	Jan. 14, 1896
542,986	Bossard, J.	Electrolysis, aqueous bath	July 23, 1895
552,658	Bossert, W. F.	Cut-outs, thermal	Jan. 7, 1896
553,831	Boucher, A. E. W.	Batteries, secondary	Feb. 4, 1896
548,511	Boncherot, P.	Railways, systems, distribution	Oct. 22, 1895
555,846	Bournonville and Zimmele	Connectors	Mar. 3, 1896
560,772	Bowker, C. R.	Lighting systems, hand regulation	May 26, 1896
562,209	Bowker, R. R.	do	June 16, 1896
550,039	Boynton, E. S.	Batteries, galvanic	Nov. 19, 1895
557,355	Boynton, E. S.	do	Mar. 31, 1896
557,356	Boynton, E. S.	do	Mar. 31, 1896
563,127	Boynton, E. S.	do	June 30, 1896
556,320	Boynton, E. M.	Railways, systems, converters	Mar. 10, 1896
555,847	Bracket, G. F.	Horology, fire-alarms	Mar. 3, 1896
543,978	Bradley, C. S.	Telegraphy, condensers	Aug. 6, 1895
546,002	Bradley, C. S.	Motive power, transmission of power	Sept. 10, 1895
546,756	Bradley, C. S.	Motors, transmission of power	Sept. 24, 1895
551,809	Bradley, C. S.	do	Dec. 24, 1895
551,810	Bradley, C. S.	Motors, alternating starter	Dec. 24, 1895
557,957	Bradley, C. S.	Motors, alternating condensers	Apr. 7, 1896
555,714	Bradley, C. S.	Heaters, electric	Apr. 21, 1896
547,659	Bradley, H. E.	Lights, arc, gravity feed, ring-clutch	Oct. 8, 1895
557,648	Bradley, H. E.	Lights, arc, gravity feed, gear-clutch	Apr. 7, 1896
555,073	Bradshaw, W. L.	Telephones, granular	Feb. 25, 1896
542,406	Bradt, W. H.	Alarms	July 9, 1895
547,369	Brady, J.	Regulators, resistance	Oct. 1, 1895
560,255	Brady, F. H.	Lights, arc, special features	May 19, 1896
544,781	Brady, T. H.	Cut-outs, mechanical	Aug. 20, 1895
555,922	Brady, T. H.	Insulators	Mar. 10, 1896
544,024	Bramwell, C. C.	Annunciators	Aug. 6, 1895
552,604	Brandenberg, H.	Railways, sectional conductor, mechanical closers	Jan. 7, 1896
559,357	Brandenburg, H.	do	May 5, 1896
562,453	Brandenburg, H.	do	June 23, 1896
562,796	Brandenburg, H.	do	June 30, 1896
559,356	Brandenburg, H.	Railways, systems, closed conduit	May 5, 1896
560,678	Brandenburg, H.	do	May 26, 1896
561,307	Brandenburg, H.	Railways, systems, conduit	June 2, 1896
562,353	Brazelton and Zoeller	Telegraphy, circuit-closers, thermal	June 16, 1896
557,049	Breed, E. S.	Railways, electric locomotives, pivoted motors	Mar. 24, 1896
560,679	Breed, G.	Music, electric actions	May 26, 1896
551,743	Breul, H. O. W. J.	Lighting systems, secondary battery	Dec. 17, 1895
557,048	Brewer, H. J.	Batteries, galvanic	Mar. 24, 1896
555,208	Bridges, C. M.	Railways, sectional conductor, mechanical closers	Feb. 25, 1896
546,483	Bridgman, H. L.	Electrolysis, aqueous bath, anodes	Sept. 17, 1895
550,403	Bridgman, H. L.	Electrolysis, aqueous bath	Nov. 26, 1895
547,240	Briggs, L. W.	Railway signals, cab, sectional rail	Oct. 1, 1895
545,938	Briggs and Patterson	Telegraphy, perforating	Sept. 10, 1895
547,476	Brill and Adams	Railways, rolling stock, electric motor, bogies	Oct. 8, 1895
547,873	Brinckerhoff, H. M.	Railways, systems, distribution	Oct. 15, 1895
553,033	Brinckerhoff, H. M.	do	Apr. 14, 1896
553,330	Brinckerhoff and Farquharson	Igniting devices	Jan. 21, 1896
560,569	Brinser, J. D.	Motors	May 19, 1896
557,960	Brintnell, A. H.	Railways, sectional conductor, mechanical closers	Apr. 7, 1896
545,670	Brittin, W. F.	Inductoriums, transformers, stationary	Sept. 3, 1895
542,074	Brombacker, E.	Telegraphy, fire, variable signal, dial	July 2, 1895
550,437	Brooks, D., jr.	Railways, systems, conduit	Nov. 26, 1895
552,313	Brown, C. E. L.	Motors, alternating, starters	Dec. 31, 1895
542,550	Brown, G. M.	Railway signals, cab, sectional rail	July 9, 1895
546,220	Brown, H. P.	Special applications, electro magnets	Sept. 10, 1895
548,032	Brown, H. V.	Railways, sectional conductors, mechanical closers	Oct. 15, 1895
554,438	Brown, P. S.	Cut-outs, thermal	Feb. 11, 1896
558,151	Brown, W. M.	Railways, sectional conductor, magnetic closers	Apr. 14, 1896
554,859	Brown, R. C.	Connectors	Feb. 18, 1896
553,099	Brown, W.	do	Jan. 14, 1896

No.	NAME.	CLASS.	DATE.
542,462	Brown, J. O	Insulating material	July 9, 1895
551,361	Brown and Chaplin	Electrolysis, aqueous bath, chemicals	Dec. 17, 1895
555,232	Brown and Chaplin	do	Feb. 25, 1896
551,347	Browne, A. C	Telephones, magnetic	Dec. 10, 1895
558,153	Browne, A. W	Motive power, dental instruments	Apr. 14, 1896
559,255	Browne, D. H	Electrolysis, aqueous bath	Apr. 21, 1896
559,255	Browne, D. H	do	Apr. 28, 1896
542,142	Browne, D. L. V	Alarms	July 2, 1895
562,116	Bryant, E. A	Motors, hand-operating devices	June 16, 1896
560,340	Buchel, J.	Rheostats	May 19, 1896
544,345	Buckingham, L. L	Telegraphy, printing	Aug. 13, 1895
544,346	Buckingham, L. L	do	Aug. 13, 1895
544,347	Buckingham, L. L	do	Aug. 13, 1895
544,348	Buckingham, L. L	do	Aug. 13, 1895
556,660	Buckland, W. A. B	Batteries, secondary	Mar. 17, 1896
553,220	Buckner, J.	Lights, arc, special features	Jan. 14, 1896
549,346	Budl, C. E	Telephones, systems, central	Nov. 5, 1895
544,501	Buffington, E. W	Insulators	Aug. 13, 1895
542,434	Buins, L	Railways, systems, conduit	July 9, 1895
546,837	Bulkley, J. N	Railways, conductor supports and insulators	Sept. 24, 1895
543,798	Burchell, N. L	Telephones, supports	July 30, 1895
552,816	Burchell, N. L	Telephones, details	Jan. 7, 1896
548,514	Burk, H. C	Railways, sectional conductors, mechanical closers	Oct. 22, 1895
559,479	Burke, C. G	Telegraphy, automatic	May 5, 1896
554,239	Burke, J	Lighting, system, hand-regulation	Feb. 11, 1896
554,240	Burke, J	do	Feb. 11, 1896
555,301	Burke, J	Lighting systems, hand regulation	Feb. 25, 1896
557,185	Burke, J	Motors, transmission of power	Mar. 31, 1896
550,480	Burkland, W. A. B	Batteries, secondary	Nov. 26, 1896
556,321	Burton, G. D	Railways, systems, conduit	Mar. 10, 1896
556,322	Burton, G. D	do	Mar. 10, 1896
557,324	Burton, G. D	Electrolysis, aqueous bath, chemicals	Mar. 31, 1896
557,325	Burton, G. D	do	Mar. 31, 1896
557,326	Burton, G. D	Electrolysis, aqueous bath, bleaching	Mar. 31, 1896
558,480	Burton, G. D	Metal welding, metal working	Apr. 21, 1896
561,653	Butler, E.	Telegraphy, relays and sounders	June 9, 1896
556,959	Butterfield, F. A	Lights, incandescent	Mar. 24, 1896
549,436	Cabell, S. G	Electrolysis, purifying liquids, water	Nov. 5, 1895
552,412	Cabell, S. G	do	Dec. 31, 1895
552,413	Cabell, S. G	do	Dec. 31, 1895
552,414	Cabell, S. G	do	Dec. 31, 1895
560,685	Cabell, M. S	do	May 26, 1896
542,625	Cabiran, H. F	Lights, filaments and carbons	July 16, 1895
550,481	Canet, J. B. G. A	Motors, hand-operating devices	Nov. 26, 1895
562,884	Caufield, C. E	Railway rolling stock, electric motor, bogies	June 30, 1896
550,215	Cannevel, E	Lights, arc, gravity feed gear clutch	Nov. 19, 1895
544,283	Capps, F. L	Railways, sectional conductors, mechanical closers	Aug. 13, 1895
542,822	Carhonelle, H.	Telephones, granular	July 16, 1895
548,949	Card, G. F	Motors, hand-operating devices	Oct. 29, 1895
552,347	Card, G. F	Electric locomotives, pivoted motors	Dec. 31, 1895
550,096	Carey, A. C	Connectors	Nov. 19, 1895
550,941	Carlson, A. G	do	Dec. 10, 1895
544,502	Carmany, C. C	Lights, incandescent, special features	Aug. 13, 1895
545,149	Carpenter, C. F	Motors, reciprocating	Aug. 27, 1895
555,895	Carpenter, C. E	Rheostats	Mar. 3, 1896
555,674	Carr, W. H	Railways, systems, overhead, trolley	Mar. 3, 1896
547,660	Carroll, C. F	Insulators	Oct. 8, 1895
554,332	Carson, G. J	Lights, incandescent, special features	Feb. 11, 1896
555,074	Carter, W	Inductoriums, transformers, stationary	Feb. 25, 1896
556,617	Carter, W	Inductoriums, induction coils	Mar. 17, 1896
553,952	Casazza, A	Railways, sectional conductors, magnetic closers	Feb. 4, 1896
542,924	Case, C. F	Conductors, house wiring	July 16, 1895
543,670	Case, F. E	Motors, hand-operating devices	July 30, 1895
547,710	Cassard, J	Electrolysis, purifying liquids, water	Oct. 8, 1895
548,744	Cassidy, J. C	Cut-outs, mechanical, rotary	Oct. 29, 1895
548,627	Chaheauet, E	Railways, magnetic closers	Oct. 29, 1895
550,866	Chaplet, F	Stoves and furnaces, heaters, electric	Dec. 3, 1895
556,176	Chaplin and Chaplin	Magneto-electric, brushes and holders	Mar. 10, 1896
546,003	Chapman, F. M	Indicators	Sept. 10, 1895
558,672	Chapman, F. E	Telegraphy, relays and sounders	Apr. 21, 1896
560,471	Chapman, W	Railways, sectional conductor, magnetic closers	May 19, 1896
560,473	Chapman, W	do	May 19, 1896
560,472	Chapman and Davis	do	May 19, 1896

No.	NAME.	CLASS.	DATE.
555,075	Chapsal, F.	Railway brakes, fluid pressure, electric	Feb. 25, 1896
550,868	Cheatham, R. V.	Railways, trolley-operated track switches	Dec. 3, 1895
546,996	Chitty, H.	Magneto-electric, armature ring	Oct. 1, 1895
557,650	Chockley, W. B.	Telegraphy, circuit closers, thermal	Apr. 7, 1896
544,844	Chnrchward, A. J.	Magneto-electric, brushes and holders	Aug. 20, 1895
552,954	Chute, J. W.	Telegraphy, fire, engine-house apparatus	Jan. 14, 1896
545,151	Cicott, Belcher and Billings	Railways, conductors, supports and insulators	Aug. 27, 1895
549,899	Clamer, F. J.	Batteries, secondary	Nov. 19, 1895
544,209	Claret and Williams	Railways, sectional conductor, magnetic closers	Aug. 6, 1895
544,610	Clark, E. W.	Electrolysis, aqueous bath	Aug. 13, 1895
552,420	Clarke, J. D.	Telephones, systems, intermediate substation	Dec. 31, 1895
542,926	Clarke, W. J.	Annunciators	July 16, 1895
551,461	Clarke, W. C.	Electrolysis, aqueous bath, synthesis	Dec. 17, 1895
561,565	Clelland and Madden	Alarms, aequoreal	June 9, 1896
549,491	Clewly, W. H.	Telephones, systems	Nov. 12, 1895
562,579	Cliff, E.	Railway rolling stock, electric motors, rigid frame	June 23, 1896
550,097	Clift, E. E.	Lights, incandescent, special features	Nov. 19, 1895
546,579	Clouth, F.	Insulators	Sept. 17, 1895
562,216	Coerper, C.	Railways, systems, converters	June 16, 1896
545,347	Coffin, C. L.	Magneto-electric, brushes and holders	Aug. 27, 1895
560,476	Coffin, C. L.	Lights, arc, special features	May 19, 1896
558,634	Colby, E. A.	Lights, incandescent	Apr. 21, 1896
552,746	Cole, F. W.	Telegraphy, fire	Jan. 7, 1896
553,838	Cole, F. W.	Telegraphy, fire, non-interfering	Feb. 4, 1896
553,839	Cole, F. W.	do	Feb. 4, 1896
553,840	Cole, F. W.	do	Feb. 4, 1896
558,354	Cole, W. R.	Telephones, electric	Apr. 14, 1896
555,076	Cole and Chapman	Annunciators, step-by-step	Feb. 25, 1896
554,505	Coleman, C.	Alarms, burglar	Feb. 11, 1896
553,106	Coleman, J. A.	Telegraphy, fire	Jan. 14, 1896
548,426	Coleman, J. P.	Railway signals, sectional rail	Oct. 22, 1895
553,900	Colgate, A. E.	Bells	Feb. 4, 1896
550,484	Colles, G. W., jr	Regulators, engines control	Nov. 26, 1895
563,016	Collicott, E. S.	Medical and surgical, electrodes	June 30, 1896
561,046	Collier, S. J.	Medical and surgical	May 26, 1896
541,919	Collins, H. B.	Magneto electric, brushes and holders	July 2, 1895
549,443	Collins, J.	Insulators	Nov. 5, 1895
544,959	Collins and Foley	do	Aug. 20, 1895
551,364	Collom, M. H.	Lights, incandescent, special features	Dec. 17, 1895
558,042	Collyer, A. E.	Telegraphy, repeaters	Apr. 14, 1896
552,823	Colvin, F. R.	Telephones, systems, central	Jan. 7, 1896
552,865	Colvin, F. R.	Telephones, systems	Jan. 7, 1896
554,656	Colvin, F. R.	Telephones, systems, intermediate substations	Feb. 18, 1896
553,357	Couley, M. R.	Furnaces, electric	Apr. 14, 1896
560,841	Connett, A. N.	Railways, systems, conduit	May 26, 1896
560,894	Connett and Detrich	do	May 26, 1896
544,157	Conway, J.	Railways, systems, overhead trolleys	Aug. 6, 1895
561,698	Cook, L.	Connectors	June 9, 1896
551,946	Cooley, W. H.	Telegraphy, automatic	Dec. 24, 1895
551,947	Cooley, W. H.	Telegraphy printing	Dec. 24, 1895
551,945	Cooley, W. H.	Telegraphy printing, wheel	Dec. 24, 1895
554,862	Cooley, W. H.	Telegraphy, automatic	Feb. 18, 1896
561,699	Cooley, W. H.	Motors, alternating starters	June 9, 1896
561,700	Cooley, W. H.	do	June 9, 1896
561,867	Cooley, W. H.	Inductoriums, transformers, stationary	June 9, 1896
561,073	Cooper, W.	Telegraphy, lightning arresters, thermal	May 26, 1896
551,757	Corey, F. B.	Motive power, elevators	Dec. 24, 1895
563,138	Cortland, H.	Telegraphy, circuit-closers, thermal	June 30, 1896
542,240	Cox, F. P.	Meters	July 9, 1895
558,045	Cox, F. B.	Electro-magnets	Apr. 14, 1896
546,417	Cox, H. B.	Batteries, thermal	Sept. 17, 1895
548,038	Cox, H. B.	do	Oct. 15, 1895
561,657	Cox, H. B.	do	June 9, 1896
548,036	Cox, S. E.	Lights, incandescent	Oct. 15, 1895
552,516	Coy, G. M.	Telephones, switches	Jan. 7, 1896
552,705	Coy, C. W.	do	Jan. 7, 1896
552,866	Coy, G. W.	do	Jan. 7, 1896
552,867	Coy, G. W.	do	Jan. 7, 1896
542,928	Crandall, L. S.	Lighting systems, display	July 16, 1895
546,844	Craney, T.	Electrolysis, purifying liquids, water	Sept. 24, 1895
549,186	Craney, T.	Electrolysis, aqueous bath, chemicals	Nov. 5, 1895
552,895	Craney, T.	do	Jan. 14, 1896
552,955	Craney, T.	do	Jan. 14, 1896

No.	NAME.	CLASS.	DATE.
547,847	Cravath, J. R	Railway brakes, brakes, electric	Oct. 15, 1895
543,673	Crawford, M	Electrolysis, aqueous bath, ores	July 30, 1895
560,193	Creelman, A. L	Railway signals, sectional rail	May 19, 1896
548,700	Crehore, A. C	Recorders	Oct. 29, 1895
548,701	Crehore, A. C	Telegraphy, automatic	Oct. 29, 1895
548,297	Crockett, W. P	Conductors	Oct. 22, 1895
546,303	Crommer, R	Railways, systems, overhead trolleys	Sept. 17, 1895
553,335	Crosby, E. H	Lights, arc, positive feed	Jan. 21, 1896
550,252	Cross, N. M	Magneto-electric, brushes and holders	Nov. 26, 1895
551,203	Criggal, J. E	Cut-outs, mechanical oscillating snap	Dec. 10, 1895
550,822	Crook, C. M	Clocks, electric	Dec. 3, 1895
555,303	Crowdus, W. A	Batteries, galvanic	Feb. 25, 1896
555,304	Crowdus, W. A	do	Feb. 25, 1896
555,305	Crowdus, W. A	Lights, incandescent, special features	Feb. 25, 1896
554,243	Crump, S	Electrolysis, aqueous bath, cathodes	Feb. 11, 1896
543,613	Cummings, J. F	Conductors, underground	July 30, 1895
549,995	Cummings, J. F	do	Nov. 19, 1895
541,838	Cunningham, P	Connectors	July 2, 1895
544,529	Cunningham, R. H	Lights, arc, positive feed	Aug. 13, 1895
544,289	Currie, S. C. C	Regulators, counter-electromotive force	Aug. 13, 1895
554,414	Currie, S. C. C	Electro-chemistry, batteries, secondary	Feb. 11, 1896
560,155	Curtis, E. A	Railway rolling stock, electric motors, equalizing covers	May 12, 1896
561,204	Curtis, F. G	Batteries, galvanic	June 2, 1896
561,205	Curtis, F. G	do	June 2, 1896
554,617	Cushman, A. L	Motors, alternating starters	Feb. 11, 1896
555,850	Cushman, A. L	Magneto-electric, multipolar	Mar. 3, 1896
555,851	Cushman, A. L	Motors, alternating	Mar. 3, 1896
555,899	Cushman, A. L	Motors, alternating, starters	Mar. 3, 1896
562,356	Cushman, S. D	Railways, systems, overhead	June 16, 1896
543,336	Custodis, A	Indicators	July 23, 1895
550,255	Custodis, A	Conductors, underground	Nov. 26, 1895
558,450	Cutler, C. J	Elevators, electric	Apr. 14, 1896
552,279	Cutten, E. B	Railway signals, cab, sectional rail	Dec. 31, 1895
547,143	Daellenbach, C. R	Alarms	Oct. 1, 1895
549,444	Dailey, C. E	Measuring instruments, calipers, dial	Nov. 5, 1895
559,122	Daily, J. H	Lights, incandescent	Apr. 21, 1896
559,122	Daily, J. H	do	Apr. 28, 1896
552,631	Dale, B	Railways, systems, overhead trolleys	Jan. 7, 1896
552,103	Daniels, W. P	Electro magnets	Dec. 31, 1895
556,046	Daniels, F. H	Connectors	Mar. 10, 1896
550,782	Davis, C. M	Systems of distribution	Dec. 3, 1895
548,777	Davis, E. F	Telephones, multiple, electrode	Oct. 29, 1895
546,582	Davis, G. H	Music, electric actions	Sept. 17, 1895
560,572	Davis, G. H	Type writing machines, electric	May 19, 1896
560,573	Davis, G. H	do	May 19, 1896
548,867	Davis, H. P	Rheostats	Oct. 29, 1895
559,685	Davis, H. P	do	May 5, 1896
559,366	Davis, J. P	Telephones, systems, multiple switch-board, divided central	May 5, 1896
559,367	Davis, J. P	do	May 5, 1896
543,800	Davis, J. R	Heaters, electric	July 30, 1895
551,263	Davis, J. R	Magneto-electric	Dec. 10, 1895
541,994	Davis, M. M	Telegraphy, duplex	July 2, 1895
557,114	Davis, N. H	Railways, systems, overhead, trolleys	Mar. 31, 1896
546,228	Davis and Christy	Indicators	Sept. 10, 1895
562,808	Davis and Crompton	Conductors, underground	June 30, 1896
557,257	Davis and Torrance	Cut-outs, thermal	Mar. 31, 1896
551,029	Davy, W. J	Lights, arc, gravity-feed, gear clutch	Dec. 10, 1895
560,023	Day, W. G	Telegraphy, circuit closers, thermal	May 12, 1896
546,130	Deal, J. M	Railways, sectional conductors, magnetic closers	Sept. 10, 1895
544,567	Dean, W. W	Telephones, systems, central	Aug. 13, 1895
546,731	Dean, W. W	do	Sept. 24, 1895
559,792	Dean, W. W	do	May 12, 1896
560,845	Dean, W. W	do	May 26, 1896
549,477	Dean, W. W	Telephones, multiple, electrode	Nov. 5, 1895
561,498	Dean, W. W	Telephones, systems, intermediate substation	June 2, 1896
561,377	Dean and Dean	Telephones, calls	June 2, 1896
561,769	Dean and Snyder	Railway rolling stock, locomotives, electric	June 9, 1896
554,112	Deats, W	Telegraphy, keys	Feb. 4, 1896
549,234	Decker, W	Magneto-electric, armatures, drum	Nov. 5, 1895
546,917	Dejardin, J. A	Meters	Sept. 25, 1895
541,967	Delaney, P. B	Telegraphy, automatic	July 2, 1895
553,957	Delauy, P. B	Telegraphy, circuits and systems	Feb. 4, 1896
557,258	Delany, P. B	Railways, systems, conduit	Mar. 31, 1896

No.	NAME.	CLASS.	DATE.
546,308	De Leenw, A. L.	Railway signals, cab	Sept. 17, 1895
554,245	Dempsey, J.	Lamp and gas fittings, street-light hangers	Feb. 11, 1896
543,855	Denison, F. N.	Motors, hand-operating devices	Aug. 6, 1895
552,897	Denver, H.	Telegraphy, fire	Jan. 14, 1896
549,501	Depuy, A. B.	Cut-outs, electro-magnetic	Nov. 12, 1895
548,968	Devine, J. H.	do	Oct. 29, 1895
553,602	Devine, E. J.	Telegraphy, railway, car	Apr. 21, 1896
552,105	Dey, H. E.	Lighting systems, car	Dec. 31, 1895
550,319	Dialto, A.	Railways, systems, closed conduit	Nov. 26, 1895
546,585	Dibb and Vickers	Insulators	Sept. 17, 1895
550,407	Dice, J.	Magneto-electric	Nov. 26, 1895
548,969	Dickinson, O. A.	Telegraphy, keys	Oct. 29, 1895
549,502	Dickson and Shapcott	Magneto-electric	Nov. 12, 1895
550,042	Diehl, P.	Motors	Nov. 19, 1895
545,404	Dierdorff, H. B.	Railways, electric locomotives	Aug. 27, 1895
553,452	Dinsmore, S. A.	Telephones, granular	Jan. 21, 1896
553,843	Dinsmore, S. A.	do	Feb. 4, 1896
546,005	Dion, L.	Railways, sectional conductors, magnetic closers	Sept. 10, 1895
543,593	Dixon, T. B.	Railway signals, block systems	July 30, 1895
543,597	Dixon, T. B.	Railway signals, track instruments	July 30, 1895
543,984	Dixon, T. B.	Telegraphy, multiplex	Aug. 6, 1895
549,709	Dixon, T. B.	do	Nov. 12, 1895
544,351	Dixon, T. B.	Telegraphy, relays and sounders	Aug. 13, 1895
560,313	Dixon, T. B.	Telegraphy, quadruplex	May 19, 1896
543,591	Dixon, T. B.	Railway signals, sectional rail	July 30, 1895
543,592	Dixon, T. B.	do	July 30, 1895
543,594	Dixon, T. B.	do	July 30, 1895
543,595	Dixon, T. B.	do	July 30, 1895
543,596	Dixon, T. B.	do	July 30, 1895
552,316	Dixon, T. B.	do	Dec. 31, 1895
553,642	Dixon, T. B.	do	Jan. 28, 1896
559,688	Dixon, J. G.	do	May 5, 1896
555,362	Doane, F. H.	Rheostats	Apr. 14, 1896
556,258	Doble and Watson	Measuring instruments, balances, electrical attachments	Mar. 10, 1896
554,247	Doe, W. S.	Batteries, galvanic	Feb. 11, 1896
543,986	Donovan, J.	Indicators	July 23, 1895
561,872	Dormeal, G. de. Sde	Batteries, secondary	June 9, 1896
550,600	Donbrava and Donat	Lights, arc, gravity feed	Dec. 3, 1895
563,143	Donglass, J.	Electrolysis, aqueous bath, ores	June 30, 1896
563,144	Donglass, J.	do	June 30, 1896
561,975	Dow, A.	Medical and surgical, body-wear	June 16, 1896
562,591	Dowling, P. J.	Railways, systems, overhead trolleys	June 23, 1896
541,921	Downes, L. W.	Conductors	July 2, 1895
561,159	Downes, L.	Cut-outs, thermal	June 2, 1896
556,138	Doyle, J. P.	Igniting devices, manual	Mar. 10, 1896
547,246	Drake, J. I.	Lights, arc, special features	Oct. 1, 1895
552,469	Drawbaugh, D.	Telephones, granular	Dec. 31, 1895
557,777	Dresher, A. K.	Cut-outs, mechanical, rotary	Apr. 7, 1896
545,853	Dn Bois, A. E.	Motive power, motors alternating, starters	Sept. 3, 1895
552,239	D'Umger, P. H.	Lighting systems, safety	Dec. 31, 1895
550,823	Dnnan, T.	Meters	Dec. 3, 1895
551,436	Dnnan, T.	do	Dec. 17, 1895
560,057	Dnnan, T.	do	May 12, 1896
561,977	Duncan, T.	Galvanometers	June 16, 1896
553,977	Dnnderdale, C. F.	Bells	Feb. 4, 1896
556,496	Dnnderdale, C. T.	Telephones, granular	Mar. 17, 1896
549,061	Dnnn, G. S.	Motors, transmission of power	Oct. 29, 1895
543,616	Dunstan, G.	Lights, incandescent, special features	July 30, 1895
553,844	Duntley, W. O.	do	Feb. 4, 1896
563,025	Du Perow, M.	Telephones, calls	June 30, 1896
551,856	Dusenbery, C. C.	Magneto-electric brushes and holders	Dec. 24, 1895
557,779	Dnsenbery, C. C.	Batteries, galvanic	Apr. 7, 1896
552,053	Dutrey, J.	Railway signals, cab, sectional rail	Dec. 24, 1895
550,018	Dyer and Dyer	Motor power, steering and propulsion	Nov. 19, 1895
557,497	Dyett, F. J.	Fences, gates, electric	Mar. 31, 1896
559,518	Eaton, H. F.	Recorders	May 5, 1896
553,058	Eby, C.	Indicators, station	Jan. 14, 1896
554,664	Eckert, T. T.	Insulators	Feb. 18, 1896
560,262	Edebrn, A. N.	Lights, arc, special features	May 19, 1896
557,784	Edelen, W. R.	Railways, sectional conductor, mechanical closers	Apr. 7, 1896
543,955	Edison, T. A.	Lights, filaments and carbons	Aug. 6, 1895
543,956	Edison, T. A.	do	Aug. 6, 1895
543,957	Edison, T. A.	do	Aug. 6, 1895
545,405	Edison, T. A.	Systems of distribution	Aug. 27, 1895

No.	NAME.	CLASS.	DATE.
549,906	Edgecomb, H. A	Telegraphy, circuit closers, thermal	Nov. 19, 1895
543,000	Edgerton, E. M	Annunciators, time	July 23, 1895
550,260	Edson, M. A	Annunciators, drop system	Nov. 26, 1895
550,044	Eickemeyer and Eickemeyer	Motive power, elevators	Nov. 19, 1895
550,220	Eickemeyer, R	Railways, electric locomotives	Nov. 19, 1895
551,371	Eickemeyer, R	Regulators, sectional winding	Dec. 17, 1895
557,657	Elliott, W. R	Railways, sectional conductors, mechanical	
555,139	Ellis, A. E	Railway signals, sectional rail closers	Mar. 10, 1896
550,365	Emery, F	Lights, arc, gravity feed gear clutch	Apr. 7, 1896
558,052	Encke and Frölich	Electrolysis, aqueous bath, ores	Nov. 26, 1895
554,665	Englehard and Englehard	Igniting devices, automatic	Apr. 14, 1896
544,668	Englehard and Englehard	Electrolysis, aqueous bath	Feb. 18, 1896
555,937	Enholm, O. A	Railways, sectional conductors, mechanical closers	Ang. 20, 1895
543,680	Epstein, L	Batteries, secondary	Mar. 10, 1896
548,748	Ericsson, L. M	Telephones, granular	July 30, 1895
556,311	Esmond, E. R	Railways, systems, closed conduit	Oct. 29, 1895
551,534	Esmond, F. C	Railways, sectional conductors, magnetic closers	Mar. 10, 1896
551,535	Esmond, F. C	do	Dec. 17, 1895
551,536	Esmond, F. C	do	Dec. 17, 1895
551,537	Esmond, F. C	do	Dec. 17, 1895
553,979	Esmond, F. C	do	Feb. 4, 1896
553,980	Esmond, F. C	do	Feb. 4, 1896
553,981	Esmond, F. C	do	Feb. 4, 1896
561,777	Essberger and Geyer	Motors, hand-operating devices	June 9, 1896
563,148	Essick, S. V	Telegraphy, automatic	June 30, 1896
563,149	Essick, S. V	do	June 30, 1896
555,938	Etheridge, H	do	Mar. 10, 1896
543,003	Eiter, J. R	Inductoriums, induction coils	July 23, 1895
558,165	Evans, F. B	Insulators	Apr. 14, 1896
559,168	Evans, D. E	Connectors	Apr. 21, 1896
559,168	Evans, D. E	do	Apr. 28, 1896
543,231	Ewing, T.	Telephones, automatic	July 23, 1895
542,848	Eyanson, G. T	Cut-outs, mechanical, oscillating snap	July 16, 1895
559,576	Everest, L. J	Railway signals, track instruments	May 5, 1896
553,730	Fagan, J. C	Cut-outs, mechanical	Jan. 28, 1896
546,135	Fairbanks, J. A	Indicators	Sept. 10, 1895
549,189	Fairfax, W. Mac. N	Lighting system	Nov. 5, 1895
550,070	Fall, A. W	Games and toys, toys electric	Nov. 19, 1895
550,956	Farley, H. J	Lights, arc, special features	Dec. 10, 1895
552,057	Farmer, J. R	Railway signals, block	Dec. 24, 1895
554,918	Farmer, J. R	Railway signals, block systems	Feb. 18, 1896
557,527	Farnham, I. H	Telephones, systems, multiple switch	Mar. 31, 1896
553,301	Farquharson, H. C	Igniting devices	Jan. 21, 1896
544,266	Fatham, J.	Inductoriums, induction coils	Aug. 6, 1895
552,425	Faure and King	Batteries, secondary	Dec. 31, 1895
556,342	Fay, T. J.	Regulators, resistance	Mar. 17, 1896
556,408	Fay, T. J.	Motors, hand-operating devices	Mar. 17, 1896
558,167	Field, S. D	Telephones, details	Apr. 14, 1896
558,168	Field, S. D	do	Apr. 14, 1896
558,584	Field, S. D	Telephones, magnetic	Apr. 21, 1896
560,403	Field, S. D	do	May 19, 1896
552,173	Field, S. D	Telephones, electric	Dec. 31, 1895
552,172	Field, S. D	Electro magnets	Dec. 31, 1895
552,521	Field, S. D	Regulators, resistance	Jan. 7, 1896
555,601	Fiedler, W	Railway signals	Mar. 3, 1896
556,967	Fielding, P. H	Connectors	Mar. 24, 1896
545,469	Fildes, J. H	Railway signals, track instruments	Sept. 3, 1895
547,914	Finn, O. B	Railways, systems, circuits, series	Oct. 15, 1895
555,571	Finson, C. H	Railway systems, overhead, trolleys	Mar. 3, 1896
555,313	Fischer, S.	Clocks, electric	Feb. 25, 1896
559,939	Fisher, W	Igniting devices, manual	May 12, 1896
559,348	Fisk, H. M	Telephones, switchboard	Apr. 21, 1896
559,348	Fisk, H. M	do	Apr. 28, 1896
543,523	Fiske, J. P. B	Regulators, resistances	July 30, 1895
543,524	Fiske, J. P. B	do	July 30, 1895
543,525	Fiske, J. P. B	Motors	July 30, 1895
549,597	Fiske, J. P. B	Motors, hand-operating devices	Nov. 12, 1895
549,598	Fiske, J. P. B	do	Nov. 12, 1895
559,692	Fiske and Littlefield	Magneto-electric, armatures, drum	May 5, 1896
559,274	Fitch, D. H	Bells	Apr. 21, 1896
559,274	Fitch, D. H	do	Apr. 28, 1896
553,061	Fletcher, T	Cut-outs, hangers	Jan. 14, 1896
548,976	Flynn, M. F	Railways, sectional conductors, mechanical closers	Oct. 29, 1895

No.	NAME.	CLASS.	DATE.
561,878	Fogalsang, T. E.	Batteries, galvanic	June 9, 1896
562,890	Ford, B.	Railways, sectional conductor, magnetic closers	June 30, 1896
558,016	Ford and Jens	Connectors	Apr. 7, 1896
552,832	Fort, J. A.	Medical and surgical	Jan. 7, 1896
551,951	Fortier, C. L.	Stoves and furnaces, dampers, electric	Dec. 24, 1895
559,275	Foster, J. L.	Railways, systems, overhead trolleys	Apr. 21, 1896
559,275	Foster, J. L.	do	Apr. 28, 1896
543,352	Fotter, W. P.	Motors, hand operating devices	July 23, 1895
544,890	Frank, M.	Telephones, magnetic	Aug. 20, 1895
549,715	Frank, A.	Horology, clocks, electric	Nov. 12, 1895
561,982	Franklin, H. H.	Alarms	June 16, 1896
550,959	Franklin and Franklin	Clocks, electric	Dec. 10, 1895
559,889	Franklin and Fletcher	do	May 12, 1896
543,546	Fraser, E. J.	Electrolysis, aqueous bath, ores	July 30, 1895
548,435	Fraser, A. C.	Railway signals, cab, sectional rail	Oct. 22, 1895
553,847	Freeman, W. K.	Inductoriums, transformers, stationary	Feb. 4, 1896
554,670	Freeman, W. K.	Magneto-electric, hipolar	Feb. 18, 1896
555,152	Freeman, W. K.	Regulators, alternating, compounding	Feb. 25, 1896
556,007	Freudenberg, M.	Telephones, electric	Mar. 10, 1896
551,372	Frick, F.	Clocks, electric	Dec. 17, 1895
554,671	Frischknecht, E.	Telegraphy, circuit closers, thermal	Feb. 18, 1896
544,430	Froggatt, T.	Railways, systems, batteries	Aug. 13, 1895
550,167	Froggatt, T.	Batteries, galvanic	Nov. 19, 1895
546,143	Fry, H. A.	Railways, systems, conduit	Sept. 10, 1895
557,375	Frye, J.	Igniting devices, manual	Mar. 31, 1896
554,631	Fuller & Kinney	Conductors, house wiring	Feb. 11, 1896
545,686	Furbish, Z. T.	Railways, systems, overhead trolleys	Sept. 3, 1895
556,264	Gabel, T. W.	Cut-outs, mechanical	Mar. 10, 1896
552,755	Gaines, C. A.	Railways, sectional conductor, mechanical closers	Jan. 7, 1896
547,068	Gaither and Gaither	Railways, electric locomotives	Oct. 1, 1895
545,069	Galbraith, G. J.	Annunciators, drop	Aug. 27, 1895
562,891	Galbraith, G. J.	Special applications, igniting devices, manual	June 30, 1896
554,594	Garher, J. L.	Typewriting machines, electric	Feb. 11, 1896
553,557	Gardner, R. M.	Magneto-electric, armature ring	Jan. 28, 1896
555,239	Garl, M.	Telephones, switches	Feb. 25, 1896
546,957	Gartner, A.	Cut-outs, thermal	Sept. 24, 1895
541,998	Gartner, A.	Connectors	July 2, 1895
561,388	Gartner, A.	do	June 2, 1896
544,034	Gavin, E. F.	Lighting systems, display	Aug. 6, 1895
561,881	Geary and Schmidt	Music, electric, actions	June 9, 1896
553,732	George, J. H.	Electrolysis, aqueous bath, apparatus	Jan. 28, 1896
559,376	Gentzsch, A.	Caoutchouc and minor plastics, insulating compounds	May 5, 1896
562,179	German and Downing	Magneto-electric, multipolar	June 16, 1896
546,972	Gerson, L. J.	Telephones, details	Sept. 24, 1895
546,353	Gerstenhauer, G.	Insulators	Sept. 17, 1895
555,503	Gibbs, L. T.	Motors, hand-operating devices	Mar. 3, 1896
557,198	Gibbs, J. S.	Cut-out, mechanical rotary	Mar. 31, 1896
558,555	Gibboney, J. W.	Meters	Apr. 21, 1896
546,523	Gieske, O.	Telegraphy, lightning arresters	Sept. 17, 1895
560,315	Gilbert, J. W.	Motive power, dental instruments	May 19, 1896
558,453	Gillette, H.	Stoves and furnaces, dampers, electric	Apr. 14, 1896
545,357	Gillette, W.	Telephones, systems, intermediate substation	Aug. 27, 1895
542,249	Gilliland, J. F.	Telephones, systems, central	July 9, 1895
543,130	Ginochio and Bridger	Railways, sectional conductor, mechanical closers	July 23, 1895
556,626	Girard and Street	Metallurgy, furnaces, electric	Mar. 17, 1896
546,613	Gleason, D. N.	Cut-outs, thermal	Sept. 17, 1895
552,363	Gleason, E. P.	Lights, incandescent, special features	Dec. 31, 1895
559,796	Goetz, A. C.	Railways, trolley-operated, track switches	May 12, 1896
542,471	Golden, W. E.	Medical and surgical, bath	July 9, 1895
551,275	Goodman and Goodman	Telephones, granular	Dec. 10, 1895
542,049	Gordon, R. W.	Batteries, galvanic	July 2, 1895
542,761	Gordon, A. C.	Railway signals, sectional rail	July 16, 1895
557,989	Gordon, T. M.	Alarms	Apr. 7, 1896
559,131	Gordon, T. M.	do	Apr. 28, 1896
559,131	Gordon, T. M.	do	Apr. 21, 1896
545,282	Görge, J. H. F.	Galvanometers	Aug. 27, 1895
547,069	Görge, J. H. F.	Motors, alternating	Oct. 1, 1895
552,756	Gorm, H. A.	Motors, hand-operating devices	Jan. 7, 1896
561,107	Goucher, W. E.	Telegraphy, circuit closers, lock	June 2, 1896
556,670	Grace, C. M.	Telegraphy, dynamo	Mar. 17, 1896
562,132	Graf, M. T.	Railways, systems, overhead trolley	June 16, 1896

No.	NAME.	CLASS.	DATE.
555,154	Graham, A	Telephones, granular	Feb. 25, 1896
545,070	Graham and Allen	Railways, sectional conductors, mechanical closers	Aug. 27, 1895
558,727	Graves, R.	Lights, incandescent	Apr. 21, 1896
561,390	Gravier, A. I.	Magneto-electric, bipolar	June 2, 1896
543,960	Gray, G.	Telephones, anti-induction	Aug. 6, 1895
562,523	Gray, H. A.	Railways, systems, overhead trolleys	June 2, 18996
545,358	Gray and Doescher	do	Aug. 27, 1895
559,701	Grazier, J.	Conductors, underground	May 5, 1896
547,249	Green, H. G.	Lights, incandescent	Oct. 1, 1895
553,673	Green, H.	do	Jan. 28, 1896
544,094	Greene, W. J.	Systems of distribution	Aug. 6, 1895
554,508	Greene, W. J.	do	Feb. 11, 1896
551,930	Greene, W. S.	Telegraphy, railway car	Dec. 24, 1895
552,059	Greenfield, E. T.	Conductors, underground	Dec. 24, 1895
552,060	Greenfield, E. T.	do	Dec. 24, 1895
541,929	Greer, R.	Lights, incandescent	July 2, 1895
554,622	Grier, H. G.	Igniting devices	Feb. 11, 1896
542,959	Grier, H. G.	Igniting devices, automatic	July 16, 1895
555,090	Gregory, F. L.	Clocks, electric	Feb. 25, 1896
550,965	Griffen, J. S.	Railways, systems, closed conduit	Dec. 10, 1895
542,638	Griffin, A. J.	Railway signals, block systems	July 16, 1895
559,280	Griffith, M. J.	Cut-outs, electro-magnetic	Apr. 21, 1896
559,280	Griffith, M. J.	do	Apr. 28, 1896
549,636	Grimston and Dykes	Motive power, steering and propulsion	Nov. 12, 1895
551,674	Grissinger, T.	Telephones, granular	Dec. 17, 1895
562,365	Gruhke and Kessler	Special applications, igniting devices, man- ual	June 23, 1896
561,951	Grutting, T.	Conuectors	June 9, 1896
560,031	Guest, J. H.	Railways, sectional conductor, magnetic closers	May 12, 1896
554,365	Guest, J. H.	Motors	Feb. 11, 1896
561,581	Guet, M.	Cut-outs, mechanical, oscillating snap	June 9, 1896
554,263	Guillaume, T.	Lighting systems, safety	Feb. 11, 1896
562,396	Güler, R. J.	Batteries, secondary	June 23, 1836
543,241	Gump, W. E.	Telephones, automatic	July 23, 1895
543,089	Gutmann, L.	Meters	July 23, 1895
559,380	Guttmann, L.	Motors, alternating, starters	May 5, 1896
556,183	Haberthur, B.	Fences, railway gates, electric	Mar. 10, 1896
562,527	Hadaway and Davis	Stoves and furnaces, heaters, electric	June 23, 1896
541,969	Haensgen, F. W.	Railways, conductor supports and insulators	July 2, 1895
563,033	Hagerty, T. F.	Telegraphy, circuit-closers	June 30, 1896
544,578	Haines and Fernald	Lights, arc, gravity feed, gear clutch	Aug. 13, 1895
544,579	Haines and Fernald	do	Aug. 13, 1895
560,792	Haines and Fernald	Lights, arc, gravity feed, clutch	May 26, 1896
562,528	Hakauson, L. M.	Insulators	June 23, 1896
551,959	Hale, C. A.	Stoves and furnaces, dampers, electric	Dec. 24, 1895
545,494	Hall, A. W.	Railway signals, block	Sept. 3, 1895
544,530	Hallenger, T. N.	Conductors	Aug. 13, 1895
544,531	Hallenger, T. N.	do	Aug. 13, 1895
560,988	Halpin, N. J.	Railways, sectional conductor, magnetic closers	May 26, 1896
542,191	Halsey, E. S.	Telephones, magnetic	July 2, 1895
550,102	Hamilton, C. J.	Railway systems, closed conduit	Nov. 19, 1895
542,640	Handy, W. W.	Regulators, engines, control	July 16, 1895
545,495	Hanford, M.	Cut-outs, hanger	Sept. 3, 1895
548,161	Hansel, C.	Railway signals, sectional rail	Oct. 15, 1895
562,894	Hanshue, W. E.	Railways, systems, conduit	June 30, 1896
545,073	Hanson, J. L.	Railways, systems, overhead trolleys	Aug. 27, 1895
556,971	Hanson and Chapman	Railways, systems, conduit	Mar. 24, 1896
548,162	Hargreaves and Bird	Electrolysis, diaphragms	Oct. 15, 1895
544,894	Harkness, W.	Telegraphy, fire alarms and extinguishers	Aug. 20, 1895
544,037	Harper, T.	Railways, systems, converters	Aug. 6, 1895
550,411	Harper, T.	Cut-outs, mechanical	Nov. 26, 1895
558,385	Harrigan, R. D.	Bells	Apr. 14, 1896
554,868	Harriman, F. H.	Railways, trolley operated, track switches	Feb. 18, 1896
560,128	Harrington, W. E.	Cut-outs, thermal	May 12, 1896
543,865	Harris, J.	Meters	Aug. 6, 1895
546,324	Harris, A. S.	Telegraphy, dynamos	Sept. 17, 1895
558,491	Harris, S.	Railways, electric locomotives	Apr. 21, 1896
545,359	Harrison, H. F.	Lights, arc, gravity feed, gear-clutch	Aug. 27, 1895
554,221	Hart, G. W.	Cut-outs, mechanical, rotary	Feb. 4, 1896
549,237	Hart, G. W.	Cut-outs, mechanical	Nov. 5, 1895
555,160	Hartfluss, J. P.	Annunciators, time	Feb. 25, 1896
543,729	Harthau, C. E.	Lights, arc, gravity feed, gear clutch	July 30, 1895
547,783	Hartmau, J.	Railways, sectional conductors, mechanical closers	Oct. 15, 1895

No.	NAME.	CLASS.	DATE.
547,784	Hartman, J	Railways, sectional conductors, mechanical closers	Oct. 15, 1895
549,268	Haskins, C. D	Cut-outs, mechanical, oscillating snap	Nov. 5, 1895
553,675	Haskins, C. D	Telegraphy, relays and sounders	Jan. 28, 1896
557,384	Hassler, R. H	Motors	Mar. 31, 1896
543,016	Heath, E. H	Lights, sockets and keys	July 23, 1895
557,386	Heath, H. E	Rheostats	Mar. 31, 1896
547,071	Hedgeland, F. W	Music, electric actions	Oct. 1, 1895
547,072	Hedgeland, F. W	do	Oct. 1, 1895
549,916	Hedgeland, F. W	Music, electric actions	Nov. 19, 1895
545,498	Hedenberg, W. L	Railway brakes, brakes, electric	Sept. 3, 1895
550,344	Heilmann, J. J	Electric locomotives	Nov. 26, 1895
555,645	Hempel, H	Telephones, details	Mar. 3, 1896
551,032	Hemphill, J. R	Insulators	Dec. 10, 1895
553,911	Hendricks, A. B	Rheostats	Feb. 4, 1896
558,686	Hennessey, W. H	Telephones, systems, divided central	Apr. 21, 1896
555,862	Henny, J. C	Railway brakes, magnetic clutch, winding drum	Mar. 3, 1896
543,382	Henry, J. C	Railways, systems, distribution	July 23, 1895
545,158	Henry, J. C	do	Aug. 27, 1895
560,265	Henry, J. C	do	May 19, 1896
543,933	Henry, J. C	Telegraphy, railway, car	Aug. 6, 1895
554,063	Henry, J. C	Magneto-electric, commutators and collectors	Feb. 4, 1896
11,542	Henry, J. C (Reis.)	Railway rolling stock, locomotives, electric	May 26, 1896
11,543	Henry, J. C (Reis.)	do	May 26, 1896
561,224	Henry, J. C	do	June 2, 1896
562,398	Henry, J. C	do	June 23, 1896
551,963	Henry, D. F	do	Dec. 24, 1895
559,800	Henry, W. C	Railways, trolley-operated, track switches	May 12, 1896
561,395	Henszey, W. P	Railway rolling stock, locomotives, electric	June 2, 1896
548,829	Herdman, F. E	Regulators, resistance	Oct. 29, 1895
548,830	Herdman, F. E	Elevators, electric motors	Oct. 29, 1895
551,633	Herdman, F. E	Motors, hand-operating devices	Dec. 17, 1895
551,634	Herdman, F. E	do	Dec. 17, 1895
551,635	Herdman, F. E	do	Dec. 17, 1895
551,820	Herdman, F. E	Motive power, elevators	Dec. 24, 1895
553,464	Hermite, E	Electrolysis, aqueous bath, chemicals	Jan. 21, 1896
553,465	Hermite, E	do	Jan. 21, 1896
556,185	Herrick, A. B	Cut-outs, mechanical, oscillating snap	Mar. 10, 1896
560,212	Herzog, F. B	Annunciators	May 19, 1896
549,091	Hess, J	Railways, systems, overhead trolleys	Oct. 29, 1895
554,270	Hewlett and Potter	Magneto-electric, connecting devices	Feb. 11, 1896
542,642	Heyman, C	Alarms	July 16, 1895
542,643	Heyman, C	do	July 16, 1896
549,642	Heysing, I. W	Railways, rolling stock, sanding devices	Nov. 12, 1895
543,867	Heysinger, I. W	Railways, systems, conduit	Aug. 6, 1895
542,052	Hibbard, A. S	Telephones, systems, multiple switch-board, divided central	July 2, 1895
555,725	Hibbard, A. S	Telephones, systems, intermediate substation	Mar. 3, 1896
541,854	Hicks, T. H	Magneto electric, bipolar	July 2, 1895
543,353	Hicks, T. H	do	July 23, 1895
543,243	Higham, D	Arc lights, gravity feed, ring clutch	July 23, 1895
546,534	Higham, D	Lights, arc, gravity feed, gear clutch	Sept. 17, 1895
547,753	Higham, D	Lights, arc, special features	Oct. 8, 1895
562,609	Higham, D	do	June 23, 1896
545,649	Hildebrandt, H. F	Railways, systems, overhead trolleys	Sept. 3, 1895
542,559	Hildebrandt and Hildebrandt	Lights, arc, special features	July 9, 1895
545,076	Hill, G	Telegraphy, circuit closers, thermal	Aug. 27, 1895
558,687	Hinckliffe and Edes	Cut-outs, electro-magnetic	Apr. 21, 1896
554,124	Hirlimann, C. J	Batteries, galvanic	Feb. 4, 1896
557,678	Hirsch, R	Magneto-electric, brushes and holders	Apr. 7, 1896
551,033	Hirsch and Meninger	do	Dec. 10, 1895
550,393	Hirt, L. J	Railway rolling stock, electric motors, rigid frames	Nov. 26, 1895
546,232	Hitchcock, W. R	Railways, sectional conductors, mechanical closers	Sept. 10, 1895
546,328	Hoepfner, C	Electrolysis, anodes	Sept. 17, 1895
559,801	Hoffmann, B. B	Lights, incandescent, special features	May 12, 1896
553,528	Hoffmann, E. W. G. C	Telegraphy, lightning arresters	Jan. 28, 1896
552,369	Hoffmann, E. W. G. C	Motors, hand-operating devices	Dec. 31, 1895
558,953	Hoffmann, E. W. G. C	Railway rolling stock, locomotives	Apr. 21, 1896
558,953	Hoffmann, E. W. G. C	do	Apr. 23, 1896
542,258	Holden, F	Galvanometers	July 9, 1895
550,682	Holden, F	do	Dec. 3, 1895
561,991	Holland and Glazier	Railways, systems, overhead	June 16, 1896
545,020	Hollar, Weaver and Kennedy	Locks and latches, locks, electric	Aug. 20, 1895

No.	NAME.	CLASS.	DATE.
545,021	Hollar, Weaver and Kennedy	Locks and latches, locks, electric	Aug. 20, 1895
559,134	Hollopeter, C. M.	Galvanometers	Apr. 21, 1896
559,134	Hollopeter, C. M.	do	Apr. 28, 1896
560,852	Hollopeter, C. M.	Friction generators	May 26, 1896
554,694	Homer, F. E.	Railways, systems, overhead trolleys	Feb. 18, 1896
548,755	Hood, R. O.	Meters	Oct. 29, 1895
549,195	Hood, R. O.	do	Nov. 5, 1895
549,886	Hood, R. O.	do	Nov. 12, 1895
561,711	Hood, R. O.	do	June 9, 1896
543,021	Hooker, T.	Magneto electric, bipolar	July 23, 1895
543,529	Hooper, G. W.	Railways, systems, overhead trolleys	July 30, 1895
561,588	Hornig, J. L.	Alarms	June 9, 1896
555,165	Horton, L., jr.	Telegraphy, repeaters	Feb. 25, 1896
562,765	Horton, W. P., jr.	Medical and surgical electrodes	June 23, 1896
549,129	Howe, E. S.	Railways, switches, tramways	Nov. 5, 1895
554,821	Houleham, J.	Electro-magnets	Feb. 18, 1896
557,819	Houser, D. E.	Annunciators	Apr. 7, 1896
554,125	Houts, W. A.	Telephones, automatic	Feb. 4, 1896
552,181	Hovey, H. J.	Railway signals, sectional rail	Dec. 31, 1895
549,919	Howell, J. W.	Galvanometers	Nov. 19, 1895
555,702	Hoyt, A. H.	do	Mar. 3, 1896
549,920	Hubbs, C. E.	Railways, systems, conduit	Nov. 19, 1895
558,176	Huber, P.	Electrolysis, aqueous bath	Apr. 14, 1896
542,444	Hughes, C. C.	Telephones, multiple electrode	July 9, 1895
542,057	Hulin, L. P.	Electrolysis, fused bath sodiums	July 2, 1895
545,653	Hull, W. S.	Cut-outs, electro magnets	Sept. 3, 1895
556,577	Hull and Boylett	Railway signals, railway	Mar. 17, 1896
556,984	Hum, E. K.	Lightning rods	Mar. 24, 1896
555,376	Hunt, H. E.	Railway brakes, fluid pressure, electric	Feb. 25, 1896
551,284	Hunt and Dunkel	Telegraphy circuit closers, thermal	Dec. 10, 1895
549,240	Hunter, R. L.	Annunciators, step by step	Nov. 5, 1895
549,241	Hunter, R. L.	do	Nov. 5, 1895
551,587	Hunter, R. M.	Electric locomotives, electric control	Dec. 17, 1895
555,509	Hunter, R. M.	Railways, general	Mar. 3, 1896
559,175	Hunter, R. M.	Railways, systems, overhead	Apr. 21, 1896
559,175	Hunter, R. M.	do	Apr. 28, 1896
560,035	Hunter, R. M.	Regulators, counter electromotive force	May 12, 1896
548,709	Hunting, F. S.	Motors, alternating, starters	Oct. 29, 1895
546,666	Hussey, C. A.	Lights, sockets and keys	Sept. 24, 1895
559,176	Hussey, C. A.	Electro-magnets	Apr. 21, 1896
559,176	Hussey, C. A.	Special applications, electro-magnets	Apr. 28, 1896
544,436	Hutchins, A. E.	Cut-outs, hangers	Aug. 13, 1895
545,629	Hutchins, A. E.	do	Sept. 3, 1895
547,755	Hutchins, G. K.	Telephones, systems, automatic	Oct. 8, 1895
549,794	Hutchison, M. R.	Cut-outs, electro-magnetic	Nov. 12, 1895
554,697	Hutchinson, W. F.	Lighting, systems, car	Feb. 18, 1896
545,693	Hutin and Leblanc	Motive power, motors, alternating starters	Sept. 3, 1895
551,863	Hutin and Leblanc	Motors, alternating	Dec. 24, 1895
553,469	Hutin and Leblanc	Regulators, alternating	Jan. 21, 1896
557,091	Hutin and Leblanc	Motors, transmission of power	Mar. 24, 1896
549,614	Ide, F. P.	Regulators, alternating	Nov. 12, 1895
561,590	Ide, F. P.	Magneto-electric, armatures, drum	June 9, 1896
560,216	Ihlder, J. D.	Regulators, resistance	May 19, 1896
560,217	Ihlder, J. D.	do	May 19, 1896
560,503	Ihlder, J. D.	Lighting systems, safety	May 19, 1896
555,167	Irwin, J.	Railway signals, cab, sectional rail	Feb. 25, 1896
553,529	Jackson, J.	Railways, sectional conductors, magnetic closers	Jan. 28, 1896
556,189	Jackson, J. B.	Igniting devices, manual	Mar. 10, 1896
551,366	Jackson and Conradson	Electrolysis apparatus	Dec. 10, 1895
552,961	Jackson and Conradson	Motors	Jan. 14, 1896
555,511	Jacques, W. W.	Batteries, galvanic	Mar. 3, 1896
545,694	Jahr, R. H.	Lights, arc, special features	Sept. 3, 1895
543,445	Jandus, W.	Lights, arc, gravity feed clutch	July 23, 1895
545,696	Jardine, C. K.	Horology, time checks	Sept. 3, 1895
543,249	Javaux and Gallois	Electrolysis, purifying liquids	July 23, 1895
543,250	Jennings, S. A.	Steam, engines, bell ringers	July 23, 1895
559,223	Jenny, F. W. Schindler	Heaters, electric	Apr. 21, 1896
559,223	Jenny, F. W. Schindler	do	Apr. 28, 1896
556,823	Jewett, G. A.	Cut-out, hangers	Mar. 24, 1896
545,204	Johnson, C. H.	Railways, systems, conduit	Aug. 27, 1895
547,078	Johnson, W. S.	Conductors, underground	Oct. 1, 1895
557,272	Johnson, W. S.	Telegraphy, circuit closers, thermal	Mar. 31, 1896
547,265	Johnson, H. T.	Telephones, switches	Oct. 1, 1895
546,739	Johnson and Robertson	Batteries, secondary	Sept. 24, 1895
560,721	Johnson and Ludell	Railways, sectional conductor, magnetic closers	May 26, 1896

No.	NAME.	CLASS.	DATE.
552,477	Jones, B. J.	Connectors	Dec. 31, 1895
555,248	Jordan, W. H.	Railway signals blocks	Feb. 25, 1896
560,903	Jordan, W. H.	Railways, signals, sectional rail	May 26, 1896
559,387	Jordan, A.	Lights, arc, gravity feed	May 5, 1896
560,096	Jordan, F. C.	Annunciator, time	May 12, 1896
551,388	Joynes, A. L.	Cut-outs, electro-magnetic	Dec. 17, 1895
544,358	Junker, G. J.	Magneto-electric, brushes and holders	Aug. 13, 1895
544,306	Just, P. C.	Railways, systems, conduit	Aug. 13, 1895
553,960	Kaiser, W.	Igniting devices, inductional	Feb. 4, 1896
553,410	Kamp, W.	Railways, systems, overhead trolleys	Jan. 21, 1896
546,700	Kean, T. J.	Measuring instruments, recorders	Sept. 24, 1895
542,769	Keeler, T. B.	Railway signals, sectional rail	July 16, 1895
561,002	Keiholtz, P. O.	Regulators, compounding machines	May 26, 1896
560,506	Keil and Keil	Bells	May 19, 1896
560,097	Keithley, H. R.	Railways, systems, overhead	May 12, 1896
560,098	Keithley, H. R.	do	May 12, 1896
563,244	Keithly, W. C.	Railways, systems, conduit	June 30, 1896
559,584	Kelley and Chesney	Magneto-electric multipolar	May 5, 1896
560,411	Kellner, C.	Electrolysis, aqueous bath, bleaching	May 19, 1896
559,454	Kellner, C.	Electrolysis, bleaching	May 5, 1896
542,262	Kellogg, M. G.	Telephones, systems	July 9, 1895
11,529	Kellogg, M. G. (Reis.)	Telephones, systems, multiple switch-board, test	Apr. 7, 1896
554,275	Kelly, J. F.	Lighting systems, test	Feb. 11, 1896
559,530	Kelly, J. F.	Systems of distribution	May 5, 1896
559,531	Kelly, J. F.	Magneto-electric, multipolar	May 5, 1896
551,166	Kelsch, R. S.	Connectors	Dec. 10, 1895
561,168	Kelsey, F. N.	Railways, systems, overhead	June 2, 1896
552,479	Kendall, M. K.	Connectors	Dec. 31, 1895
543,997	Kennedy, J. M.	Railways, systems, overhead trolleys	Oct. 29, 1895
557,827	Kennedy, J. M.	Railways, systems, overhead	Apr. 7, 1896
558,650	Kennedy, P.	Regulators, resistance	Apr. 21, 1896
560,617	Khotinsky, A. de	Telephones, systems, central	May 19, 1896
562,304	Kiliam, M.	Electrolysis, aqueous bath	June 16, 1896
544,673	King, F.	Batteries, secondary	Aug. 20, 1895
560,358	King, G. J.	Annunciators	May 19, 1896
562,400	King and Wyatt	Metallurgy, furnaces, electric	June 23, 1896
562,403	King and Wyatt	do	June 23, 1896
562,402	King and Wyatt	Electrolysis, synthesis, ozone	June 23, 1896
550,683	Kinney, J. C.	Railways, systems, overhead	Dec. 3, 1895
557,530	Kinney, J. M.	Conductors, house wiring	Apr. 7, 1896
549,136	Kinsman, F. E.	Lighting, systems, car	Nov. 5, 1895
562,541	Kinsman, F. E.	do	June 23, 1896
548,317	Kirnan, W. H.	Telegraphy, fire, noninterfering	Oct. 22, 1895
551,123	Kirnan, W. H.	Telegraphy, fire	Dec. 10, 1895
553,101	Kips, J.	Annunciators, drop	Feb. 25, 1896
546,016	Kist, W.	Horology, time alarms	Sept. 10, 1895
550,510	Kitsee, I.	Telegraphy, circuits and systems	Nov. 26, 1895
550,511	Kitsee, I.	do	Nov. 26, 1895
557,398	Kitsee, I.	Systems of distribution	Mar. 31, 1896
549,201	Klein, C. J.	Lamp and gas fittings, side reflectors	Nov. 5, 1895
555,452	Klein, I.	Electrolysis, aqueous bath	Feb. 25, 1896
548,371	Knight, W. H.	Electric locomotives, pivoted motors	Oct. 22, 1895
555,216	Knight, W. H.	Magneto-electric, armatures, drums	Feb. 25, 1896
543,186	Knight, J. C.	Lights, arc, special features	July 23, 1895
554,276	Knight & Darley	Motors, hand-operating devices	Feb. 11, 1896
555,320	Knowles, E. R.	Lighting, systems	Feb. 25, 1896
558,184	Knowlton, W. E.	Magneto-electric, brushes and holders	Apr. 14, 1896
546,120	Koedding, W.	Railways, brakes, brakes electric	Sept. 10, 1895
556,544	Kohn, M. M.	Batteries, galvanic	Mar. 17, 1896
554,632	Kraemer and Kruger	Heaters, electric	Feb. 11, 1896
545,591	Kramer, O. E. H.	Magneto-electric, bipolar	Sept. 3, 1895
545,592	Kramer, O. E. H.	do	Sept. 3, 1895
562,731	Krans, R. W. J.	Alarms	June 23, 1896
555,331	Kreinberg, F. M.	Magneto-electric, brushes and holders	Feb. 25, 1896
546,233	Kritzer, C. C.	Cut-outs, mechanical	Sept. 10, 1895
552,322	Krotz and Spencer	Batteries, secondary	Dec. 31, 1895
558,254	Krotz, A. S.	Railways, systems, sectional conductor, connected	Apr. 14, 1896
559,585	Krotz, A. S.	Regulators, brush adjustment	May 5, 1896
558,253	Krotz and Allen	Railways, systems, sectional conductor, magnetic closers	Apr. 14, 1896
559,586	Krotz and Allen	Railways, systems, Conduit	May 5, 1896
548,210	Kusel, I. J.	Telephones, switches	Oct. 22, 1895
552,629	Kusel, I. J.	Telephones, electric	Jan. 7, 1896
548,070	La Burt, J.	Railways, sectional conductors, mechanical closers	Oct. 15, 1895

No.	NAME.	CLASS.	DATE.
546,892	La Cour, P	Telegraphy, reed	Sept. 24, 1895
563,189	Lacy, G. W	Railway rolling stock, electric motors, rigid frame	June 30, 1896
543,490	Lamcheur, R	Telephones, details	July 30, 1895
556,891	Lamme, B. G	Magneto-electric, bipolar	Mar. 24, 1896
559,721	Lamme, B. G	Motors, transmission of power	May 5, 1896
561,593	Lamme, B. G	Magneto-electric, multipolar	June 9, 1896
561,116	Land, F	Cnt-outs, mechanical, oscillating snap	June 2, 1896
543,963	Landers, C	Motors, hand-operating devices	Aug. 6, 1895
548,448	Lane and Clintock	Rheostats	Oct. 22, 1895
549,731	Lantau, K. A	Lights, arc, special features	Nov. 12, 1895
546,403	Lantan and Anderson	do	Sept. 17, 1895
549,874	Larson, C. W	Steam engines, speed governors	Nov. 12, 1896
545,701	Lattig, J. W	Railway signals, railway	Sept. 3, 1895
560,102	Lattig, J. W	Railway signals, sectional rail	May 12, 1896
542,164	Lavalle and Lavalie	Railways, systems, closed conduit	July 2, 1895
555,706	Lavens, E	Lights, arc, gravity-feed, gear clutch	Mar. 3, 1896
555,958	Law, M. D	Railway systems, conduit	Mar. 10, 1896
555,959	Law, M. D	do	Mar. 10, 1896
544,312	Law, M. D	do	Aug. 13, 1895
562,004	Law, E. F. G	Telegraphy, multiplex	June 16, 1896
553,919	Lean, G. R	Lighting, systems	Feb. 4, 1896
553,920	Lean, G. R	do	Feb. 4, 1896
553,921	Lean, G. R	do	Feb. 4, 1896
561,898	Leffler, P. W	Railways, motors, part along the track	June 9, 1896
561,899	Leffler, P. W	do	June 9, 1896
560,269	Leidgen, N	Cnt-outs, hangers	May 19, 1896
556,854	Leith, J	Electrolysis, aqueous bath, ores	Mar. 24, 1896
553,923	Lemp, H	Metal welding, metal working	Feb. 4, 1896
556,425	Lemp, H	Indicators	Mar. 17, 1896
556,426	Lemp and Lewis	Metal welding, metal working	Mar. 17, 1896
551,501	Leonard, S. C	Conductors	Dec. 17, 1895
554,884	Leonard, A. G	Railway signals, block systems	Feb. 18, 1896
558,559	Leonard, H. W	Rheostats	Apr. 21, 1896
560,588	Leonard, H. W	do	May 19, 1896
560,168	Leonard, H. W	Lights, sockets and keys	May 12, 1896
560,359	Leonard, M. B	Railway signals, track instruments	May 19, 1896
560,360	Leonard, M. B	do	May 19, 1896
560,619	Leonard, M. B	Railway signals, sectional rail	May 19, 1896
555,252	Le Sneur, E. A	Railways, general	Feb. 25, 1896
553,191	Lewis, R. H	Conductors	Jan. 14, 1896
554,130	Lewis, H. A	Telegraphy, lightning arresters, thermal	Feb. 4, 1896
543,626	Libbey, H. W	Telephones, details	July 30, 1895
547,441	Libbey, H. W	Railway systems, battery	Oct. 8, 1895
545,599	Libbey, W. S	Steam engines, speed governors	Sept. 3, 1895
553,858	Lieb, C. A	Railways, conductor supports and insulators	Feb. 4, 1896
550,982	Lightships, J. A	Telephones, calls, reed	Dec. 10, 1895
544,768	Lindstrom, N. O	Motive power, elevators	Aug. 20, 1895
546,820	Linton, G. E	Cnt-outs, mechanical	Sept. 24, 1895
546,821	Lintou, G. E	do	Sept. 24, 1895
560,272	Lloyd, R. Mc A	Batteries, secondary	May 19, 1896
560,533	Lloyd, M. Perreux	Electrolysis, aqueous bath, depolarizing and burnishing	May 19, 1896
560,807	Lobach, W	Railways, systems, conduit	May 26, 1896
557,588	Lockwood & Lockwood	Telephones, granular	Apr. 7, 1896
554,369	Loomis, O. P	Magneto-electric, brushes and holders	Feb. 11, 1896
548,074	Lord, C. A	Railways, systems, overhead trolleys	Oct. 15, 1895
559,729	Lorenz, R. O	Electrolysis, fused bath	May 5, 1896
551,391	Lounsbury, W. F	Telephones, systems, automatic	Dec. 17, 1895
544,313	Love, J. C	Railways, systems, conduit	Aug. 13, 1895
544,361	Loveridge, F. H	Regulators, brush adjustment	Aug. 13, 1895
549,802	Lucas, I	Telephones, granular	Nov. 12, 1895
549,803	Lucas, I	do	Nov. 12, 1895
551,170	Lucas, A. H	Cnt-outs, mechanical	Dec. 10, 1895
543,879	Ludlow, F. K	Telegraphy, fire, automatic	Aug. 6, 1895
558,970	Lugo and Jackson	Electrolysis, purifying liquids	Apr. 21, 1896
558,970	Lugo and Jackson	Electrolysis, purifying liquids	Apr. 28, 1896
544,261	Lundell, R	Motors, alternating	Aug. 6, 1895
549,876	Lundell, R	do	Nov. 12, 1895
551,334	Lundell, R	Railways, sectional conductor, magnetic closers	Dec. 10, 1895
560,513	Lundell, R	do	May 19, 1896
560,591	Lundell, R	Motors, alternating starters	May 19, 1896
556,893	Lundquist, E	Railways, electric locomotives	Mar. 24, 1896
556,428	Lynxmore, J. P	Clocks, electric	Mar. 17, 1896
562,313	Lyford, O. S	Lights, arc, special features	June 16, 1896
555,217	Lyncker, G. A	Railway signals	Feb. 25, 1896

No.	NAME.	CLASS.	DATE.
542,591	Lynde, C. C.	Railway systems, overhead trolleys	July 9, 1895
543,743	Lyndon, L.	Telegraphy, circuit closers, thermal	July 30, 1895
544,677	Maag, G.	Railways, systems, overhead trolleys	Aug. 20, 1895
551,192	MacDonald, A. D.	Telegraphy relays and sounders	Dec. 10, 1895
560,039	Mackin, A. O.	Lights, arc, gravity feed, double dog, clutch	May 12, 1896
543,495	Mailloux, C. O.	Motive power, elevators	July 30, 1895
562,633	Mailloux, C. O.	Conductors, house wiring	June 23, 1896
545,127	Malm, L.	Indicators	Aug. 27, 1895
545,901	Mannesmann, R.	Towers, telegraph poles	Sept. 10, 1895
544,988	Mark, R. L.	Indicators	Aug. 20, 1895
552,190	Marks, L. B.	Lights, arc, special features	Dec. 31, 1895
547,960	Marsh, J. W.	Telephones, conductor, anti-induction	Oct. 15, 1895
558,971	Marsh, J. W.	Connectors	Apr. 21, 1896
558,971	Marsh, J. W.	do	Apr. 28, 1896
547,149	Marshall, N.	Cut-outs, mechanical, rotary	Oct. 1, 1895
556,510	Marshall, N.	Cut-outs, mechanical, oscillating snap	Mar. 17, 1896
557,848	Marshand, P. E.	do	Apr. 7, 1896
542,268	Martin, M.	Locks and latches, locks, electric	July 9, 1895
544,363	Martin and Morris	Telegraphy, circuit closers	Aug. 13, 1895
551,551	Martland, F. W.	Telephones, supports	Dec. 17, 1895
551,470	Mason, D.	Motors	Dec. 17, 1895
562,009	Maxwell, G. S.	Telephones, systems, multiple switch-board	June 16, 1896
562,012	Maxwell, G. S.	do	June 16, 1896
562,013	Maxwell, G. S.	do	June 16, 1896
562,010	Maxwell, G. S.	Telephones, systems, central	June 16, 1896
562,011	Maxwell, G. S.	do	June 16, 1896
561,803	Mayer, F. G.	Magneto-electric, uniform, field	June 9, 1896
552,495	Mayrhofer, J. C.	Rheostats	Dec. 31, 1895
552,496	Mayrhofer, J. C.	Lighting systems	Dec. 31, 1895
559,190	McAdams, J.	Printing, ruling machines	Apr. 21, 1896
559,190	McAdams, J.	do	Apr. 28, 1896
544,368	McBerty, F. R.	Cut-outs, thermal	Aug. 13, 1895
544,369	McBerty, F. R.	Connectors	Aug. 13, 1895
544,370	McBerty, F. R.	Telephones, systems, central	Aug. 13, 1895
562,906	McBerty, F. R.	do	June 30, 1896
562,318	McBrien, F.	Railway signals	June 16, 1896
543,965	McCabe, B.	Alarms, aquoreal	Aug. 6, 1895
557,860	McCallum, W. A.	Railways, conductor supports and insulators	Apr. 7, 1896
554,394	McCarthy, L.	Lights, incandescent, special features	Feb. 11, 1896
542,775	McCoy, J. R.	Telegraphy, circuit closers, thermal	July 16, 1895
563,203	McCoy, J. R.	do	June 30, 1896
550,192	McCulloch, A. H.	Telegraphy, lightning arresters	Nov. 19, 1895
550,638	McCulloch, A. H.	Cut-outs, mechanical	Dec. 3, 1895
561,124	McCullough, J. L.	Annunciators	June 2, 1896
542,002	McDonald, W. D.	Railways, systems, overhead trolleys	July 2, 1895
543,885	McDonald and McDonald	Batteries, galvanic	Aug. 6, 1895
550,229	McDonald and McDonald	Bells	Nov. 19, 1895
554,080	McElroy, J. F.	Batteries, secondary	Feb. 4, 1896
555,259	McElroy, J. F.	Heaters, electric	Feb. 25, 1896
562,142	McElroy, J. F.	Cut-outs, mechanical, rotary	June 16, 1896
548,583	McEvoy, J. H.	do	Oct. 22, 1895
554,716	McEvoy, C. H.	Connectors	Feb. 18, 1896
556,362	McGill, J. J.	do	Mar. 17, 1896
552,540	McGrath and Oram	Meters	Jan. 7, 1896
560,917	McGurty, J. H.	Railways, telfer and towing	May 26, 1896
557,690	McIntire, C. H.	Connectors	Apr. 7, 1896
559,461	McKenna, J.	Railways, systems, overhead, trolleys	May 5, 1896
544,861	McLaughlin, J. F.	Special applications, applications general	Aug. 20, 1895
544,562	McLaughlin, J. F.	Railways, sectional conductors, magnetic closers	Aug. 20, 1895
544,863	McLaughlin, J. F.	do	Aug. 20, 1895
546,674	McLaughlin, J. F.	Horology, time lamps, lighters	Sept. 24, 1895
550,686	McLaughlin, J. F.	Igniting devices, manual	Dec. 3, 1895
553,173	McLaughlin, J. F.	Type-writing machines, electrical	Jan. 14, 1896
553,174	McLaughlin, J. F.	do	Jan. 14, 1896
560,421	McLaughlin, J.	Lights, arc, gravity feed clutch	May 19, 1896
546,238	Mead, F. S.	Air and gas engines, explosives	Sept. 10, 1895
545,506	Meaker, J. W.	Conductors, supports and insulators	Sept. 3, 1895
547,931	Meaker, J. W.	Railways, conductor supports and insulators	Oct. 15, 1895
562,406	Meek, M. E.	Railway rolling stock, electric motors, equalizing-levers	June 23, 1896
554,889	Mehren, J. F.	Telegraphy, fire, variable signal	Feb. 18, 1896
544,047	Meissner, W. O.	Rheostats	Aug. 6, 1895
555,783	Melotte, G. H.	Railways, sectional conductor, connected	Mar. 3, 1896
544,318	Melzer, J.	Cut-outs, thermal	Aug. 13, 1895
549,205	Mercein and Porter	Bells	Nov. 5, 1895

No.	NAME.	CLASS.	DATE.
554,450	Merkle, W. S	Railways, collapsible-tube conductors	Feb. 11, 1896
553,535	Merritt, B. F	Telegraphy, repeaters	Jan. 28, 1896
558,506	Merritt and Joy	Telegraphy, printing, wheel	Apr. 21, 1896
558,507	Merritt and Joy	do	Apr. 21, 1896
544,365	Mershon, R. D	Galvanometers	Aug. 13, 1895
551,982	Mershon, R. D	do	Dec. 24, 1895
556,359	Mershon, R. D	Motors, transmission of power	Mar. 17, 1896
562,904	Metzger, I. B	Railways, systems, overhead trolley	June 30, 1896
549,456	Meyer, G. G. H	Rheostats	Nov. 5, 1895
552,384	Meyer, P	Igniting devices	Dec. 31, 1895
560,518	Meyrueis, J	Electrolysis, aqueous bath, chemicals	May 19, 1896
558,509	Middleton, G	Insulators	Apr. 21, 1896
545,903	Miller, G. E	Railways, signals, cab, sectional rail	Sept. 10, 1895
545,904	Miller, G. E	do	Sept. 10, 1895
554,074	Miller, L. B	Telegraphy, circuit closers, burglar	Feb. 4, 1896
559,187	Miller, K. B	Regulators, alternating	Apr. 21, 1896
559,187	Miller, K. B	do	Apr. 28, 1896
561,335	Miller, K. B	Telephones, systems, divided, central	June 2, 1896
561,416	Miller, J. H	Telephones, details	June 2, 1896
562,639	Miller, H. V	Railway signals, track instruments	June 23, 1896
549,522	Milligan, T. P	Railways, telfer and towing	Nov. 12, 1895
547,443	Mills, N. F	Bells	Oct. 8, 1895
547,613	Miner, W. M	Telephones, switches	Oct. 8, 1895
561,423	Minnis, P	do	June 2, 1896
557,854	Minnis, P	Telegraphy, repeaters	Apr. 7, 1896
561,417	Minnis, P	Telephones, systems, multiple switchboard	June 2, 1896
561,418	Minnis, P	do	June 2, 1896
561,420	Minnis, P	do	June 2, 1896
561,419	Minnis, P	Telephones, systems, multiple switchboard, test	June 2, 1896
561,421	Minnis, P	Telephones, details	June 2, 1896
561,422	Minnis, P	Telephones, switchboards	June 2, 1896
561,424	Minnis, P	do	June 2, 1896
551,394	Misell, D	Lighting systems, display	Dec. 17, 1895
559,143	Miscell, D	Lights, incandescent, special features	Apr. 21, 1896
559,143	Miscell, D	do	Apr. 28, 1896
561,943	Mitchell, R. A	Clocks, electric	June 9, 1896
543,042	Mitchell, C	Railways, systems, overhead trolleys	July 23, 1895
557,008	Mitchell, G. R	do	Mar. 24, 1896
549,146	Molyneaux, B. S	Fine, arts, engraving machine	Nov. 5, 1895
549,147	Molyneaux, B. S	do	Nov. 5, 1895
558,090	Moody, W. S	Inductoriums, transformers, stationary	Apr. 14, 1896
560,735	Moody, W. S	Regulators, alternating, compounding	May 26, 1896
545,520	Moody, Shawd and Baker	Railways, systems, overhead trolleys	Sept. 3, 1895
544,107	Moore, L	Bells	Aug. 6, 1895
545,208	Moore, E. E	Railways, systems, conduit	Aug. 27, 1895
548,126	Moore, D. McF	Lighting, systems	Oct. 15, 1895
548,127	Moore, D. McF	do	Oct. 15, 1895
548,128	Moore, D. McF	do	Oct. 15, 1895
548,129	Moore, D. McF	do	Oct. 15, 1895
548,130	Moore, D. McF	do	Oct. 15, 1895
548,131	Moore, D. McF	do	Oct. 15, 1895
548,574	Moore, D. McF	do	Oct. 22, 1895
548,575	Moore, D. McF	do	Oct. 22, 1895
548,576	Moore, D. McF	do	Oct. 22, 1895
548,132	Moore, D. McF	Lighting, systems, display	Oct. 15, 1895
548,133	Moore, D. McF	do	Oct. 15, 1895
548,134	Moore, D. McF	do	Oct. 15, 1895
549,383	Moore, W. E	Regulators, engine control	Nov. 5, 1895
556,763	Moore, W. A	Telephones, switches	Mar. 24, 1896
557,139	Moore, C. E	Connectors	Mar. 31, 1896
546,546	Montgomery, H. M	Railways, sectional conductors, magnetic closers	Sept. 17, 1895
559,340	Montgomery, E. H	Cut-outs, mechanical, rotary	Apr. 21, 1896
559,340	Montgomery, E. H	do	Apr. 28, 1896
555,963	Morley, W. M	Magneto-electric, multipolar	Mar. 10, 1896
561,601	Morey, E. L	Telephones, details	June 9, 1896
549,608	Morgan, W. H	Motors, hand-operating devices	Nov. 12, 1895
553,538	Morgan, W. H	Rheostats	Jan. 28, 1896
560,737	Morgan, W. H	Magneto-electric	May 26, 1896
558,091	Morrison, W	Batteries, galvanic	Apr. 14, 1896
559,397	Morse, T. G	Telegraphy, fire	May 5, 1896
543,346	Mosher, J. A	Inductoriums, transformers, stationary	July 23, 1895
544,065	Mosher, J. A	Lights, arc, incandescent	Aug. 6, 1895
552,498	Mosher, J. A	do	Dec. 31, 1895
542,487	Moskowitz, M	Regulation compound, winding	July 9, 1895
542,771	Moskowitz, M	Lighting systems, car	July 16, 1895

No.	NAME.	CLASS.	DATE.
542,772	Moskowitz, M.	Lighting systems, secondary battery	July 16, 1895
542,773	Moskowitz, M.	Lighting systems, car	July 16, 1895
549,649	Moskowitz, M.	Batteries, secondary	Nov. 12, 1895
549,810	Mottram, W. T. M.	Lighting systems	Nov. 12, 1895
560,043	Moulart, A. J.	Telegraphy, circuit closers, lock	May 12, 1896
549,577	Moyer, G. L.	Lamps and gas fittings, shade supports, drop	Nov. 12, 1895
551,781	Mullaney, T. F.	Systems of distribution	Dec. 24, 1895
560,275	Munro, D. M.	Telephones, systems, multiple switch-board	May 19, 1896
559,105	Munson, J. H.	Railways, sectional conductor, mechanical closers	Apr. 21, 1896
559,105	Munson, J. H.	do	Apr. 28, 1896
548,887	Murphy, W. F.	Alarms, barokinetic	Oct. 29, 1895
553,927	Muslar, N.	Railways, systems, overhead trolleys	Feb. 4, 1896
553,326	Myrick, E. C.	Lighting, systems, safety	Feb. 25, 1896
554,353	Nebelacker, C. F.	Railways, electric locomotives	Feb. 11, 1896
555,392	Neer, H. M.	Railway, rolling stock, locomotives, electric	Feb. 25, 1896
554,138	Negbanr and Feely	Magneto-electric, multipolar	Feb. 4, 1896
546,471	Neher, J. E.	Connectors	Sept. 17, 1895
548,217	Neher, J. E.	Railways, systems, distribution	Oct. 22, 1895
551,734	Nesom, T.	Railways, sectional conductors, magnetic closers	Dec. 17, 1895
553,014	Nevins, T. F.	Cut-outs, mechanical, rotary	Jan. 14, 1896
548,266	New, Mayne and Lucas	Railways, systems, distribution	Oct. 22, 1895
547,886	Nicholas, A.	Bells	Oct. 15, 1895
548,786	Nichols and Lincoln	Railways, systems, conduit	Oct. 29, 1895
558,299	Nickerson, H. E.	Cut-outs, mechanical, oscillating, snap	Apr. 14, 1896
549,074	Niewerth and Niewerth	Lights, arc, gravity feed, gear-clutch	Oct. 29, 1895
549,075	Niewerth and Niewerth	do	Oct. 29, 1895
554,949	Nikoloff, S.	Connectors	Feb. 18, 1896
552,967	Nilson, L. G.	Lights, arc, gravity feed, ring clutch	Jan. 14, 1896
555,222	Nixon, W. H.	Telephones, systems, intermediate substations	Feb. 25, 1896
551,090	Noyes, B. J.	Telegraphy, fire	Dec. 10, 1895
543,966	Nntt, W.	Railway signals, track instruments	Aug. 6, 1895
542,490	Nntting, S. E.	Lights, arc, gravity feed, gear clutch	July 9, 1895
543,502	Nutting, S. E.	do	July 30, 1895
559,863	Nutting, S. E.	do	May 12, 1896
543,399	Nutting, A. E.	do	July 23, 1895
544,745	Nutting, L. H.	Measuring instruments, balances, electric attachments	Aug. 20, 1895
546,494	O'Brien, T.	Railways, conductor supports and insulators	Sept. 17, 1895
543,559	O'Connell, J. J.	Telephones, systems, central	July 30, 1895
544,545	O'Connell, J. J.	Telephones, systems, multiple switch board, divided central	Aug. 13, 1895
544,546	O'Connell, J. J.	do	Aug. 13, 1895
544,901	O'Connell, J. J.	Telephones, systems, multiple switch board test	Aug. 20, 1895
555,707	O'Connell, J. J.	Telephones, systems, central	Mar. 3, 1896
553,176	O'Connor, T. F.	Railways, sectional conductors, connected	Jan. 14, 1896
554,395	Oehring, L. E.	Telegraphy, perforating	Feb. 11, 1896
555,112	Oehring, A. H.	Lights, arc, special features	Feb. 25, 1896
555,113	Oehring and Tnecker	do	Feb. 25, 1896
555,114	Oehring and Tnecker	Lighting systems, display	Feb. 25, 1896
557,218	Oehring and Wait	Magneto-electric	Mar. 31, 1896
554,719	Oesterlein, W.	Railway systems, conduit	Feb. 18, 1896
562,090	Oknn, M. S.	Lights, arc, gravity feed, clutch	June 16, 1896
547,127	Olan, J. W. Th.	Lights, arc, incandescent	Oct. 1, 1895
553,719	Olan, J. W. Th.	Batteries, galvanic	Jan. 28, 1896
542,833	Olson, J. W.	Annunciators, drop	July 16, 1895
557,422	Onderdonk, T. W.	Motors, reciprocating	Mar. 31, 1896
545,524	O'Neil, J.	Motive power, motors	Sept. 3, 1895
555,968	O'Neill and O'Neill	Igniting devices, manual	Mar. 10, 1896
551,996	Oney, R. T.	Electric locomotives	Dec. 24, 1895
548,721	Opdyke, S. B.	Indicators	Oct. 29, 1895
548,722	Opdyke, S. B.	do	Oct. 29, 1895
562,647	Oppenheimer, L. K.	Lighting, systems	June 23, 1896
552,542	Oram, J. M.	Alarms, burglar	Jan. 7, 1896
542,713	Orell, L. C.	Cut-outs, thermal	July 16, 1895
544,514	Orling, E.	Special applications, igniting devices, automatic	Aug. 13, 1895
549,275	Orr and Orr	Wire-working, fabrics, making	Nov. 5, 1895
561,810	Ortner, G. J.	Batteries, two fluid-zinc-sulphates	June 9, 1896
549,580	Osborn, R. E.	Railways, sectional conductors, magnetic closers	Nov. 12, 1895
556,516	Osborn, B. E.	Railways, sectional conductors, mechanical closers	Mar. 17, 1896
562,019	Osgood, R. P.	Batteries, galvanic	June 16, 1896

No.	NAME.	CLASS.	DATE.
557,015	O'Shaughnessy and Crosby	Railways, systems, overhead, trolleys	Mar. 24, 1896
558,303	Osyor, D. N.	Railways, systems, overhead	Apr. 14, 1896
553,593	Otto and Verley	Electrolysis, aqueous bath, chemicals	Jan. 28, 1896
554,083	Ongley, E. E.	Horology, time alarms	Feb. 4, 1896
557,869	Packard, G. F.	Magneto-electric, armature, ring	Apr. 7, 1896
553,736	Page, J. F.	Railways, sectional conductor, magnetic closers	Jan. 28, 1896
543,190	Paige, A. E.	Telephones, electric	July 23, 1895
559,038	Painter, G. E.	Indicators	Apr. 21, 1896
559,038	Painter, G. E.	do	Apr. 28, 1896
559,039	Painter, G. E.	Annunciators, step-by-step	Apr. 21, 1896
559,039	Painter, G. E.	do	Apr. 28, 1896
545,091	Palmer, J. W.	Special application, igniting devices, manual	Aug. 27, 1895
559,308	Palmer, R. A.	Looks, electric	Apr. 21, 1896
559,308	Palmer, R. A.	do	Apr. 28, 1896
550,688	Palmleaf, C.	Inductoriums, induction coils	Dec. 3, 1895
548,924	Parrish, M. W.	Telegraphy, railway car	Oct. 29, 1895
557,284	Paramore, E. C.	Telephones, switches	Mar. 31, 1896
546,027	Parker, E. C.	Telephones, granular	Sept. 10, 1895
546,388	Parmly, S. P.	Lights, arc, special features	Sept. 17, 1895
549,652	Parker, J. E.	Railways, systems, conduit	Nov. 12, 1895
550,811	Parker, H. C.	Galvanometers	Dec. 3, 1895
556,435	Parkinson, J.	Elevators	Mar. 17, 1896
549,815	Parsons, C. A.	Steam engines, speed governors	Nov. 12, 1895
544,372	Patterson, W. R.	Conductors	Aug. 13, 1895
543,313	Patrick, Z. E.	Telephones, granular	July 23, 1895
560,006	Patin and Levasseur	Magneto-electric, multipolar	May 12, 1896
560,366	Payne, D. W.	Metal welding, metal working	May 19, 1896
546,551	Pearson, R.	Telegraphy, circuit closers, thermal	Sept. 17, 1895
560,921	Pearson, R.	do	May 26, 1896
555,529	Peckham, E.	Railway rolling stocks, electric motor	Mar. 3, 1896
555,530	Peckham, E.	do	Mar. 3, 1896
560,816	Peckham, E.	Railway rolling stock, electric motors, rigid- frame	May 26, 1896
558,609	Peebles, G.	Lights, incandescent, special features	Apr. 21, 1896
560,423	Peirce, J. A.	Coin controlled apparatus, induction coils	May 19, 1896
551,648	Pelatan and Clerici	Electrolysis, aqueous bath	Dec. 17, 1895
553,816	Pelatan and Clerici	Electrolysis, aqueous bath, ores	Jan. 28, 1896
551,723	Peloubet, E.	Insulators	Feb. 18, 1896
549,209	Penny, C. L.	Lighting, systems	Nov. 5, 1895
547,283	Pepper, W. L.	Railways, systems, overhead trolleys	Oct. 1, 1895
557,224	Perkins, C. G.	Cut-outs, mechanical	Mar. 31, 1896
557,600	Peterson, C. A.	Insulators	Apr. 7, 1896
549,254	Peterson, C. F.	Minor plastics, insulating compounds	Nov. 5, 1895
546,389	Peterson, H. A. F.	Railways, systems	Sept. 17, 1895
550,057	Peterson, H. A. F.	Railways, systems, closed conduit	Nov. 19, 1895
550,132	Peterson, H. A. F.	Railway systems, trolley operated, track switches	Nov. 19, 1895
559,903	Pfatischer, M.	Motors, steering and propulsion	May 12, 1896
559,904	Pfatischer, M.	do	May 12, 1896
561,430	Pfatischer, M.	Indicators	June 2, 1896
561,431	Pfatischer, M.	do	June 2, 1896
557,518	Piluger, C. A.	Lights, arc, special features	Mar. 31, 1896
546,407	Pfouts, L. S.	Railways, conductor supports and insulators	Sept. 17, 1895
551,998	Phelps and Sampson	Railway signals, block systems	Dec. 24, 1895
545,532	Philbrook, G. T.	Telegraphy, keys	Sept. 3, 1895
562,483	Phillips, S. L.	Railways, systems, conduit	June 23, 1896
562,484	Phillips, S. L.	do	June 23, 1896
549,655	Philipsborn, C. A.	Railways, systems, overhead trolleys	Nov. 12, 1895
542,279	Piekering, B.	Are lights, special features	July 9, 1895
560,861	Pickeruall and Perrin	Telephones, systems	May 26, 1896
558,517	Pieper, O. H.	Motors, hand-operating devices	Apr. 21, 1896
551,046	Pike, F. N.	Lights, arc, positive feed, step-gear clutch	Dec. 10, 1895
556,769	Pirsch, O.	Batteries, secondary	Mar. 24, 1896
559,342	Place, J. F.	Railways, telfer and towing	Apr. 21, 1896
559,342	Place, J. F.	do	Apr. 28, 1896
562,850	Plummer, F. O.	Special applications, igniting devices, manual	June 30, 1896
549,152	Pogue, G. D.	Heaters, electric	Nov. 5, 1895
544,236	Pohlman, W. J.	Motors, hand-operating devices	Aug. 6, 1895
544,118	Polk, W. R.	do	Aug. 6, 1895
552,260	Pollack, C.	Systems of distribution	Dec. 31, 1895
558,983	Pollack, C.	do	Apr. 21, 1896
558,983	Pollack, C.	do	Apr. 28, 1896
555,120	Porath, F.	Alarms, equatorial	Feb. 25, 1896
546,553	Porter, W. C.	Measuring instruments, calculators, electric	Sept. 17, 1895
548,388	Porter, W. B.	Railways, systems, distribution	Oct. 22, 1895

No.	NAME.	CLASS.	DATE.
548,389	Porter, W. B.	Railways, systems, distribution	Oct. 22, 1895
551,337	Portis, T. G.	Lights, filaments, and carbons	Dec. 10, 1895
542,309	Potter, W. B.	Railway brakes, magnetic shoes	July 9, 1895
543,892	Potter, W. B.	Telegraphy, lightning arresters	Aug. 6, 1895
551,786	Potter, W. B.	do	Dec. 24, 1895
546,247	Potter, W. B.	Railway brakes, brakes, electric	Sept. 10, 1895
555,585	Potter, W. B.	do	Mar. 3, 1896
543,351	Potter, W. B.	do	July 23, 1895
551,785	Potter, W. B.	do	Dec. 24, 1895
549,153	Potter, W. B.	Motors, hand-operating devices	Nov. 5, 1895
554,307	Potter, W. B.	do	Feb. 11, 1896
558,518	Potter, W. B.	do	Apr. 21, 1896
560,428	Potter, W. B.	do	May 19, 1896
558,104	Potter, W. B.	Regulators, alternating	Apr. 14, 1896
559,907	Potter, W. B.	Magneto-electric, connecting devices	May 12, 1896
560,427	Potter, W. B.	Railway signals, cab, sectional rail	May 19, 1896
546,475	Potter, H. N.	Cut-outs, thermal	Sept. 17, 1895
562,972	Powell, C. E.	Railways, systems, overhead trolleys	June 30, 1896
559,538	Power, P. W.	Magneto-electric, multipolar	May 5, 1896
552,776	Pratt, F. G.	Railway signals, block systems	Jan. 7, 1896
562,658	Pratt, A. L.	Cut-outs, mechanical	June 23, 1896
555,051	Pratt and Allin	Telephones, magnetic	Feb. 18, 1896
555,181	Prentice, J. F.	Toys, electric	Feb. 25, 1896
547,358	Prentiss, H. S.	Horology, clocks, electric	Oct. 1, 1895
542,105	Pressley, L. C.	Railways, sectional conductor, magnetic closers	July 2, 1895
550,059	Pribyl, F. J.	Railways, systems, overhead trolleys	Nov. 19, 1895
545,815	Price, B.	Telephones, calls, step by step	Sept. 3, 1895
556,862	Priest, E. D.	Motors, hand-operating devices	Mar. 24, 1896
549,464	Priestley, F. C.	Motive power, dental instruments	Nov. 5, 1895
556,437	Pyle, G. C.	Lights, arc, gravity feed	Mar. 17, 1896
556,898	Pyle, G. C.	do	Mar. 24, 1896
544,417	Pyott, L. T.	Magneto-electric, armatures, ring	Aug. 13, 1895
556,161	Quarrie, G.	Medical and surgical, electric soles	Mar. 10, 1896
553,964	Quatram, F.	Telephones, details	Feb. 4, 1896
556,693	Quimby, C. E.	Lights, incandescent, special features	Mar. 17, 1896
554,089	Quinn, P. H.	do	Feb. 4, 1896
558,106	Rabbidge, P.	Telephones, systems	Apr. 14, 1896
558,741	Rabbitt, J. H.	Railways, systems, overhead trolleys	Apr. 21, 1896
547,383	Rae, F. B.	Motors, transmission of power	Oct. 1, 1895
554,141	Randall, C. A.	Telephones, granular	Feb. 4, 1896
561,128	Rangey and Plainte	Railways, system, overhead	June 2, 1896
544,747	Ransome, E. L.	Conductors, underground	Aug. 20, 1895
545,976	Ransome, E. L.	Clay and pottery, tile machines, electric	Sept. 10, 1895
557,881	Rapleye, H. W.	Insulators	Apr. 7, 1896
552,001	Kast, A.	Railways, sectional conductor, magnetic closers	Dec. 24, 1895
560,931	Rawson, W. S.	Electrolysis, aqueous bath, ores	May 26, 1896
557,229	Ray, W. D.	Lights, arc, gravity-feed	Mar. 31, 1896
559,106	Ray, F. A.	Telephones, granular	Apr. 21, 1896
559,106	Ray, F. A.	do	Apr. 28, 1896
556,210	Reagan, H. C.	Railways, sectional conductors, mechanical closers	Mar. 10, 1896
560,819	Reagan, H. C.	Cut-outs, thermal, successive	May 26, 1896
555,110	Reed, L. W.	Railways, systems, conduit	Apr. 14, 1896
544,322	Reichardt, H. C.	Music, electric actions	Aug. 13, 1895
547,031	Reichel, E. B. W.	Railways, systems, overhead trolleys	Oct. 1, 1895
555,263	Reichel, E. B. W.	do	Feb. 25, 1896
556,864	Reichel, E. B. W.	do	Mar. 24, 1896
558,109	Reichel, E. B. W.	Lighting systems, automatic regulation	Apr. 14, 1896
550,692	Reist, H. G.	Magneto-electric, armatures, drum	Dec. 3, 1895
559,910	Reist, H. G.	Magneto-electric, armatures, ring	May 12, 1896
555,500	Reitzel, A. J.	Railways, sectional conductor, mechanical closers	Mar. 3, 1896
559,403	Remig, P. W.	Lights, incandescent, special features	May 5, 1896
544,749	Remy, B. P.	Motors, alternating	Aug. 20, 1895
550,329	Rennerfelt, G.	Motors	Nov. 26, 1895
550,330	Rennerfelt, G.	do	Nov. 26, 1895
557,606	Reyman, T.	Lights, arc, gravity feed, gear-clutch	Apr. 7, 1896
552,924	Reynolds, S. H.	Telegraphy, fire, engine house apparatus	Jan. 14, 1896
553,541	Reynolds, G. A.	Gates, electric	Jan. 28, 1896
554,795	Reynolds, D.	Electrolysis, aqueous bath	Feb. 18, 1896
560,521	Reynolds, J. C.	Cut-outs, thermal	May 26, 1896
553,596	Ribbe, P. T.	Batteries, secondary	Jan. 28, 1896
556,865	Rice, E. W.	Railways, systems, distribution	Mar. 24, 1896
556,866	Rice, E. W.	Elevators	Mar. 24, 1896
546,190	Rice, E. W., jr.	Regulators, alternating	Sept. 10, 1895

No.	NAME.	CLASS.	DATE.
546,191	Rice, E. W., jr	Railways, electric locomotives	Sept. 10, 1895
542,657	Richards, W. L	Telephones, relays and repeaters	July 16, 1895
542,658	Richards, W. L	do	July 16, 1895
550,458	Richter, E. L	Railways, systems, overhead	Nov. 26, 1895
546,901	Rickett, G. W	Motors, transmission of power	Sept. 24, 1895
562,775	Rider, H. E	Special applications, igniting devices, manual	June 23, 1896
551,451	Rider and Heucken	Igniting devices, manual	Dec. 17, 1895
554,955	Riera, M	Insulators	Feb. 18, 1896
544,794	Riess, F. W	Railways, systems, overhead trolleys	Aug. 20, 1895
545,726	Rittenhousc, B. F	Telegraphy, circuit closers	Sept. 3, 1895
562,030	Roberts, I. L	Lights, filaments and carbons	June 16, 1896
543,425	Robertson, J. H	Telegraphy, automatic	July 23, 1895
543,426	Robertson, J. H	do	July 23, 1895
543,427	Robertson, J. H	do	July 23, 1895
543,428	Robertson, J. H	do	July 23, 1895
543,429	Robertson, J. H	do	July 23, 1895
561,438	Robertson, D. M	Connectors	June 2, 1896
551,047	Robinson, W	Railway rolling stock, rigid frames, electric	Dec. 10, 1895
554,427	Robinson, S. R. V	Electro-chemistry, batteries, galvanic	Feb. 11, 1896
547,807	Rockwell, E. D	Bells	Oct. 15, 1895
544,419	Rodriguez and Rockwell	Conductors	Aug. 13, 1895
562,917	Rogers, C. B	Telegraphy, circuit-closers, thermal	June 30, 1896
562,325	Rohrdantz, H	Alarms, burglar	June 16, 1896
543,103	Rolfe, C. A	Telegraphy, fire	July 23, 1895
543,104	Rolfe, C. A	do	July 23, 1895
544,123	Rolfe, C. A	Telegraphy, fire, automatic	Aug. 6, 1895
544,644	Rolfe, C. A	Telegraphy, Morse register	Aug. 13, 1895
558,564	Rolfe, C. A	Telegraphy, keys	Apr. 21, 1896
541,949	Roome, W. G	Railway signals, sectional rail	July 2, 1895
558,565	Roome, W. G	do	Apr. 21, 1896
558,566	Roome, W. G	do	Apr. 21, 1896
543,055	Rooney, J. J	Batteries, secondary	July 23, 1895
549,023	Rooney, J. J	do	Oct. 29, 1895
549,079	Rooney, J. J	do	Oct. 29, 1895
553,361	Root, H. C	Coin controlled apparatus, telephones	Jan. 21, 1896
558,313	Rose, A. W	Telephones, granular	Apr. 14, 1896
546,348	Rosenbaum, W. A	Electrolysis, aqueous bath	Sept. 17, 1895
551,145	Rosenholz, A	Railways, sectional conductors, magnetic closers	Dec. 10, 1895
548,819	Ross, H	Cut-outs, mechanical	Oct. 29, 1895
561,284	Ross, H	Cut-outs, mechanical, oscillating snap	June 2, 1896
545,819	Rothenberger, D. M	Insulators	Sept. 3, 1895
542,030	Rowand, L. G	Lighting systems, safety	July 2, 1895
554,957	Rowell, B. C	Railway signals, railway, sectional rail	Feb. 18, 1896
556,773	Rowell, B. C	Railway signals, cab	Mar. 24, 1896
542,945	Rowland, H. A	Meters	July 16, 1895
547,683	Rowland, H. A	Motors, transmission of power	Oct. 8, 1895
561,918	Rowland, H. A	Galvanometers	June 9, 1896
561,919	Rowland, H. A	do	June 9, 1896
553,873	Ruddick, J. J	Telegraphy, fire, non-interfering	Feb. 4, 1896
562,034	Ruddick, J. J	do	June 16, 1896
561,525	Ruddick, J. J	Telegraphy, fire	June 2, 1896
561,526	Ruddick, J. J	do	June 2, 1896
560,284	Rudolph, W. T	Igniting devices, manual	May 19, 1896
560,370	Rudolph, W. F	do	May 19, 1896
548,660	Ruete, W. T	Conductors, underground	Oct. 29, 1895
548,595	Rumble, A. C	Mills, amalgamators, electric	Oct. 22, 1895
547,034	Russell, F. J	Bells	Oct. 1, 1895
547,035	Russell, F. J	Indicators	Oct. 1, 1895
547,230	Russell and Russell	Cut-outs, electro-magnetic	Oct. 1, 1895
554,895	Russell and Russell	Telephones, granular	Feb. 18, 1896
543,355	Sage, H. J	Lights, arc, gravity feed, gear clutch	July 23, 1895
546,904	Salisbury and Dean	Telephones, calls	Sept. 24, 1895
556,027	Samuels, I	Batteries, secondary	Mar. 10, 1896
541,986	Sanders, R. D	Electrolysis, aqueous bath	July 2, 1895
548,930	Sargent, C. E	Magneto-electric, uniform field	Oct. 29, 1895
553,819	Sautter and Savatier	Motors, hand-operating devices	Jan. 28, 1896
555,403	Savoy, H. J	Metal welding, metal working	Feb. 25, 1896
543,895	Sayers, W. B	Magneto-electric, armatures, drum	Aug. 6, 1895
543,707	Scales, W. S	Clocks, electric	July 30, 1895
546,826	Scheffbauer, R	Lights, arc, positive feed, gear-clutch	Sept. 24, 1895
546,827	Scheffbauer, R	do	Sept. 24, 1895
546,828	Scheffbauer, R	do	Sept. 24, 1895
555,621	Scheffbauer, R	do	Mar. 3, 1896
546,682	Scheibe, A	Trees, plants and flowers, treatment imple'ts	Sept. 24, 1895
548,396	Schindler, F. W	Special applications, igniting devices	Oct. 22, 1895

No.	NAME.	CLASS.	DATE.
561,821	Schlesinger, W. M.	Railways, systems, conduit	June 9, 1896
546,059	Schlesinger, W. M.	Railways, sectional conductor, connected	Sept. 10, 1895
553,264	Schlesinger, W. M.	do	Jan. 21, 1896
550,354	Schmid and Lamme	Regulators, alternating	Nov. 26, 1895
560,652	Schmidt, F. M.	Motors	May 26, 1896
561,443	Schmidt, J.	Lights, incandescent special features	June 2, 1896
557,434	Schoenberg, Flucker and Keedwell	Igniting devices, manual	Mar. 31, 1896
560,328	Schorch, R.	Magneto-electric, hipolar	May 19, 1896
543,785	Schreuder, J. G.	Railway signals, sectional rail	July 30, 1895
550,533	Schreuder, J. G.	Batteries, galvanic	Nov. 26, 1895
550,534	Schreuder, J. G.	do	Nov. 26, 1895
550,535	Schreuder, J. G.	Railway signals, railway	Nov. 26, 1895
556,028	Schmitt, D. A.	Cut-outs, thermal, plug	Mar. 10, 1896
562,785	Schwahn, H. F. D.	Electrolysis, fused bath	June 23, 1896
552,972	Schwarze, C. J.	Telephones, magnetic	Jan. 14, 1896
554,036	Schwarze, C. J.	do	Feb. 4, 1896
555,266	Schwieger, C. T. H.	Railways, sectional conductor, mechanical closers	Feb. 25, 1896
546,476	Scott, C. F.	Inductoriums, transformers, stationary	Sept. 17, 1895
548,467	Scott, W. H.	Meters	Oct. 22, 1895
556,646	Scott and Skinner	Testing	Mar. 17, 1896
562,924	Scott, G. J.	Motors, transmission of power	June 30, 1896
558,989	Seovil, L. A.	Lights, arc, special features	Apr. 21, 1896
558,989	Seovil, L. A.	do	Apr. 28, 1896
562,980	Seovil and Gooding	Cut-outs, thermal	June 30, 1896
544,774	Seranton, J. B.	Railways, systems, overhead trolleys	Aug. 20, 1895
543,900	Scribner, C. E.	Lights, arc, gravity feed, double dog clutch	Aug. 6, 1895
559,407	Scribner, C. E.	do	May 5, 1896
559,408	Scribner, C. E.	do	May 5, 1896
559,409	Scribner, C. E.	Telegraphy, fire	May 5, 1896
544,384	Scribner, C. E.	Telephones, systems, multiple switch board, test	Aug. 13, 1895
544,387	Scribner, C. E.	Telephones, systems, multiple, switch board, divided central	Aug. 13, 1895
563,245	Scribner, C. E.	Telephones, systems, multiple switch-board	June 30, 1896
544,385	Scribner, C. E.	do	Aug. 13, 1895
544,386	Scribner, C. E.	do	Aug. 13, 1895
543,902	Scribner, C. E.	do	Aug. 6, 1895
548,227	Scribner, C. E.	do	Oct. 22, 1895
548,228	Scribner, C. E.	do	Oct. 22, 1895
552,723	Scribner, C. E.	do	Jan. 7, 1896
552,724	Scribner, C. E.	do	Jan. 7, 1896
552,725	Scribner, C. E.	do	Jan. 7, 1896
554,399	Scribner, C. E.	do	Feb. 11, 1896
527,708	Scribner, C. E.	do	Apr. 7, 1896
544,388	Scribner, C. E.	Annunciators, drop	Aug. 13, 1895
552,726	Scribner, C. E.	do	Jan. 7, 1899
552,728	Scribner, C. E.	do	Jan. 7, 1896
548,229	Scribner, C. E.	Telephones, systems, switchboards	Oct. 22, 1895
552,397	Scribner, C. E.	Regulators	Dec. 31, 1895
552,729	Scribner, C. E.	Telephones, switchboards	Jan. 7, 1896
557,598	Scribner, C. E.	Telephones, systems, intermediate substa- tion	Apr. 7, 1896
559,869	Scribner, C. E.	do	May 12, 1896
543,106	Scribner, C. E.	Telephones, systems	July 23, 1895
544,383	Scribner, C. E.	do	Aug. 13, 1895
552,727	Scribner, C. E.	do	Jan. 7, 1896
552,730	Scribner, C. E.	do	Jan. 7, 1896
542,066	Scribner, C. E.	Telephones, systems, central	July 2, 1895
543,901	Scribner, C. E.	do	Aug. 6, 1895
550,765	Scribner, C. E.	do	Dec. 3, 1895
557,153	Scribner, C. E.	do	Mar. 31, 1896
557,154	Scribner, C. E.	do	Mar. 31, 1896
559,616	Scribner, C. E.	do	May 5, 1896
560,757	Scribner, C. E.	do	May 26, 1896
563,073	Scribner, C. E.	do	June 30, 1896
559,410	Scribner and McBerty	do	May 5, 1896
559,411	Scribner and McBerty	do	May 5, 1896
548,789	Searles, A. L.	Railways, systems, distribution	Oct. 29, 1895
554,542	Seaverns, J. A.	Lights, arc, gravity-feed, gear-clutch	Feb. 11, 1896
543,271	Seelye, L. C.	Railway systems, overhead trolleys	July 23, 1895
559,412	Segerdahl, R.	Lights, arc, gravity feed, double dog, clutch	May 5, 1896
545,736	Segerdahl, R.	do	Sept. 3, 1895
561,619	Seligmann, G. P.	Telephones, details	June 9, 1896
546,625	Seymour, W. C.	Lights, arc, special features	Sept. 17, 1895
557,442	Seymour, H. A.	Railways, systems, overhead, trolleys	Mar. 31, 1896
562,494	Seymour, H. A.	Lighting systems, overhead trolleys	June 23, 1896

No.	NAME.	CLASS.	DATE.
562,925	Seymour, H. A	Railways, electric locomotives, electric control	June 30, 1896
553,179	Shade and Stone	Telephones, systems, central	Jan. 14, 1896
548,230	Shallenberger, O. B	Regulators, alternating, inductive resistance	Oct. 22, 1895
548,231	Shallenberger, O. B	Motors, transmission of power	Oct. 22, 1895
550,355	Shallenberger, O. B	System of distribution	Nov. 26, 1895
553,044	Sharpless, P. M	Electrolysis, aqueous bath, apparatus	Jan. 14, 1896
545,253	Shaver, G. F	Telephones, switches	Aug. 27, 1895
545,416	Shaver, G. F	do	Aug. 27, 1895
547,460	Shepard, F. D	Telephones, systems, house	Oct. 8, 1895
543,357	Sherman, R. E	Railways, telpher and towing	July 23, 1895
544,391	Sherwood, L. H	Telephones, systems, multiple switch board, divided central	Aug. 13, 1895
550,566	Sherwood C. H	Railway signals, block	Nov. 26, 1895
562,929	Sherwood, C. H	do	June 30, 1896
543,160	Shibata, W. J	Telephones, systems, automatic	July 23, 1895
543,708	Shibata, W. J	do	July 30, 1895
559,066	Shickluna, J. J	Lamps and gas fittings, street light hangers	Apr. 21, 1896
559,066	Shickluna, J. J	do	Apr. 28, 1896
548,469	Shoecraft, J	Railways, signals, sectional rail	Oct. 22, 1895
552,253	Shoecraft, J	Railway signals, block systems	June 16, 1896
546,560	Short, S. H	Railways, electric locomotives	Sept. 17, 1895
551,053	Short, S. H	Cut-outs, mechanical, rotary	Dec. 10, 1895
551,054	Short, S. H	do	Dec. 10, 1895
554,962	Shuttleworth, A. C	Railways, systems, converters	Feb. 18, 1896
552,553	Sibley, J. T	Cut-outs, electro-magnetic	Jan. 7, 1896
544,867	Silverwood and Fraser	Steam engine valves, throttle, electric	Aug. 20, 1895
562,776	Silvey, W. L	Batteries, secondary	June 23, 1896
558,617	Simons, W. E	Telegraphy, keys	Apr. 21, 1896
546,353	Siuding, A	Electrolysis, aqueous bath	Sept. 17, 1895
558,429	Skeen, R	Railways, systems, overhead	Apr. 14, 1896
557,159	Skinner, P. R	Dental instruments	Mar. 31, 1896
562,429	Skinner, C. E	Lighting systems, display	June 23, 1896
561,448	Slater and Renstrom	Medical and surgical, chairs and couches	June 2, 1896
554,379	Slocum, E. L	Batteries, galvanic	Feb. 11, 1896
555,056	Slocum, E. L	do	Feb. 18, 1896
555,057	Slocum, E. L	Lighting systems, secondary batteries	Feb. 18, 1896
555,058	Slocum, E. L	Batteries, secondary	Feb. 18, 1896
550,649	Small, J. F	Railway gates, electric	Dec. 3, 1895
544,696	Smith, W. N	Regulators, engine control	Aug. 20, 1895
546,357	Smith, I. D	Telephones, calls	Sept. 17, 1895
547,591	Smith, J. B	Cut-outs, thermal	Oct. 8, 1895
547,897	Smith, J. A	Telephones, systems, house	Oct. 15, 1895
547,942	Smith, J. G	do	Oct. 15, 1895
550,728	Smith, J. G	Telephones, systems, automatic	Dec. 3, 1895
550,729	Smith, J. G	Telegraphy, automatic	Dec. 3, 1895
553,364	Smith, J. G	Telephones, calls	Jan. 21, 1896
549,542	Smith, R. H	Elevators, electric	Nov. 12, 1895
553,694	Smith, J. E	Electrolysis, purifying liquids	Jan. 28, 1896
552,337	Smith, A	Motors, alternating	Dec. 31, 1895
552,451	Smith, M. H	Railways, sectional conductors, magnetic closers	Dec. 31, 1895
555,979	Smith, H. R	Elevators	Mar. 10, 1896
561,828	Smith, H. R	Motive power, elevators	June 9, 1896
556,941	Smith, F. L	Railways, systems, overhead, trolleys	Mar. 24, 1896
558,573	Smith, O	Lights, incandescent, special features	Apr. 21, 1896
559,086	Smith, C. B	Telephones, systems, house	Apr. 21, 1896
559,087	Smith, C. B	do	Apr. 21, 1896
559,088	Smith, C. B	do	Apr. 21, 1896
559,086	Smith, C. B	do	Apr. 28, 1896
559,087	Smith, C. B	do	Apr. 28, 1896
559,088	Smith, C. B	do	Apr. 28, 1896
562,745	Smith, R. C	Motors, hand-operating device	June 23, 1896
547,300	Smith and French	Lights, incandescent, special features	Oct. 1, 1895
549,162	Smith and Clough	Lighting systems, car	Nov. 5, 1895
542,783	Snapp, J. F	Telegraphy, circuit closers, thermal	July 16, 1895
552,501	Snively, C. H	Insulators	Dec. 31, 1895
554,896	Snow, B. W	Lights, sockets and keys	Feb. 18, 1896
542,210	Snowden, E. P	Lights, arc, special features	July 2, 1895
558,993	Snowden, E. P	Lights, incandescent, special features	Apr. 21, 1896
558,993	Snowden, E. P	do	Apr. 28, 1896
556,870	Soar and Collier	Magneto-electric, brushes and holders	Mar. 24, 1896
559,416	Soper, G. J	Telegraphy, circuit closers	May 5, 1896
551,795	Spalding, S. J	Medical and surgical body wear	Dec. 24, 1895
559,821	Spaulding, H. C	Telegraphy, printing	May 12, 1896
547,900	Speer, E. A	Telegraphy, fire, automatic	Oct. 15, 1895
543,358	Spellier, L. H	Clocks, electric	July 23, 1895

No.	NAME.	CLASS.	DATE.
556,479	Spencer, T.-----	Lights, arc, gravity-feed, gear-clutch-----	Mar. 17, 1896
551,056	Spencer and Wales-----	Telephones, systems, multiple switch-board, test-----	Dec. 10, 1895
555,291	Sperry, E. A.-----	Motors, hand-operating devices-----	Feb. 25, 1896
560,658	Sperry, E. A.-----	do-----	May 26, 1896
562,100	Sperry, E. A.-----	do-----	June 16, 1896
562,501	Sperry, E. A.-----	do-----	June 23, 1896
560,375	Sperry, E. A.-----	Railways, electric locomotives-----	May 19, 1896
545,637	Spiro, C.-----	Telegraphy, printing-----	Sept. 3, 1895
551,515	Spiro, C.-----	Telephones, transmitters-----	Dec. 17, 1895
544,778	Sproat and Farr-----	Insulators-----	Aug. 20, 1895
543,063	Stack, J. T.-----	Telegraphy, fire, noninterfering-----	July 23, 1895
561,830	Stanley, C. E.-----	Railways, systems, conduit-----	June 9, 1896
552,733	Stansel, T. J.-----	Annunciators, time-----	Jan. 7, 1896
543,564	Stark, E. E.-----	Regulators, alternating-----	July 30, 1895
562,431	Stearns, C. H.-----	Telegraphy, fire, automatic-----	June 23, 1896
543,907	Steinmetz, C. P.-----	Motors, alternating, condensers-----	Aug. 6, 1895
548,400	Steinmetz, C. P.-----	Regulators, alternating-----	Oct. 22, 1895
548,401	Steinmetz, C. P.-----	Motors-----	Oct. 22, 1895
548,402	Steinmetz, C. P.-----	do-----	Oct. 22, 1895
557,164	Steinmetz, C. P.-----	Meters-----	Mar. 31, 1896
559,419	Steinmetz, C.-----	Magneto-electric, multipolar-----	May 5, 1896
559,913	Steinmetz, C. P.-----	Systems of distribution-----	May 12, 1896
561,735	Steinmetz, C. P.-----	do-----	June 9, 1896
542,968	Steinmetz and Armstrong-----	Regulators, alternating-----	July 16, 1895
558,119	Steinmetz and Berg-----	Motors, transmission of power-----	Apr. 14, 1896
548,669	Stephen, C. W.-----	Insulators-----	Oct. 29, 1895
559,572	Stern, P. K.-----	Railways, motor-part along the track-----	May 12, 1896
558,322	Stendebach, C. F. P.-----	Railways, systems, sectional conductor, mechanical closers-----	Apr. 14, 1896
558,858	Stevens and Donovan-----	Railway signals, sectional rail-----	Apr. 21, 1896
543,322	Stewart, J. B.-----	do-----	July 23, 1895
560,071	Stewart, D. C.-----	Railway signals, block-----	May 12, 1896
553,198	Stickle, S. C.-----	Annunciators, time-----	Jan. 14, 1896
11,544	Stieringer, L.----- (Reis.)-----	Lights, incandescent, special features-----	May 26, 1896
547,043	Still, W. J.-----	Railways, systems, distribution-----	Oct. 1, 1895
554,350	Stimpson, L. L.-----	Railways, systems, overhead trolleys-----	Feb. 11, 1896
551,060	Stone, J. R.-----	Telephones, systems, central-----	Dec. 10, 1895
560,762	Stone, J. S.-----	do-----	May 26, 1896
562,435	Stone, J. S.-----	do-----	June 23, 1896
560,761	Stone, J. S.-----	Telephones, systems, multiple switch-board, test-----	May 26, 1896
556,034	Stone and Thompson-----	Telephones, systems, house-----	Mar. 10, 1896
562,864	Storer, N. W.-----	Magneto-electric, bipolar-----	June 30, 1896
557,714	Storey, I. E.-----	Motors-----	Apr. 7, 1896
562,502	Storey, I. E.-----	Railways, electric locomotives, pivoted motion-----	June 23, 1896
555,626	Storm, A. W.-----	Telegraphy, automatic-----	Mar. 3, 1896
554,042	Strause, J. S.-----	Cut-outs, thermal-----	Feb. 4, 1896
545,921	Stromberg, Carlson and Knight-----	Telephones, systems, central-----	Sept. 10, 1895
545,922	Stromberg and Carlson-----	do-----	Sept. 10, 1895
549,860	Stromberg and Carlson-----	Telephones, magnetic-----	Nov. 12, 1895
558,859	Stromberg and Carlson-----	do-----	Apr. 21, 1896
550,658	Strowger, A. B.-----	Telegraphy, printing-----	Dec. 3, 1895
543,409	Stuebner, H.-----	Cut-outs, mechanical oscillating snap-----	July 23, 1895
546,036	Suren, N. H.-----	Telegraphy, fire, noninterfering-----	Sept. 10, 1895
546,037	Suren, N. H.-----	do-----	Sept. 10, 1895
552,153	Suren, N. H.-----	do-----	Dec. 31, 1895
550,462	Suren, N. H.-----	Telegraphy, Morse registers-----	Nov. 26, 1895
556,782	Snssmann, M.-----	Batteries, secondary-----	Mar. 24, 1896
556,289	Sutton, W.-----	Railway rolling stock, motors, electric-----	Mar. 10, 1896
561,358	Sutton, G. W.-----	Telephones, granular-----	June 2, 1896
552,594	Swendeman, J. E.-----	Igniting devices-----	Jan. 7, 1896
553,697	Swoboda and Lavens-----	Lights, arc, gravity-feed, gear-clutch-----	Jan. 28, 1896
563,093	Szontagh and Schneider-----	Electrolysis, aqueous bath-----	June 30, 1896
546,361	Tackaberry, R. D.-----	Metal working tools, pliers-----	Sept. 17, 1895
544,198	Taylor, F.-----	Railways, systems, conduit-----	Aug. 6, 1895
554,097	Taylor, J. D.-----	Railway signals, sectional rail-----	Feb. 4, 1896
559,874	Taylor, W. F.-----	Telephones, systems, house-----	May 12, 1896
561,530	Taylor, J.-----	Railway rolling stock, trucks, rigid frames-----	June 2, 1896
555,589	Telge, J. A. J.-----	Meters-----	Mar. 3, 1896
555,190	Tesla, N.-----	Motors, alternating, rotary, field-----	Feb. 25, 1896
552,338	Thélin, V.-----	Connectors-----	Dec. 31, 1895
560,551	Therrell, D. Mac L.-----	Railways, sectional conductor, magnetic closers-----	May 19, 1896
545,554	Thomas, E.-----	Magneto-electric, bipolar-----	Sept. 3, 1895
550,663	Thomas, W. M.-----	do-----	Dec. 3, 1895

No.	NAME.	CLASS.	DATE.
548,897	Thomas, J. E.	Telephones, switches	Oct. 29, 1895
552,858	Thomas, G. L.	Railway signals, railway	Jan. 7, 1896
542,543	Thomas, G. L.	Railway signals	July 9, 1895
558,749	Thomas, G. L.	do	Apr. 21, 1896
556,072	Thomas, G. L.	Railway signals, railway, sectional rail	Mar. 10, 1896
544,056	Thomas and Thomas	Railways, systems, conduit	Aug. 6, 1895
550,204	Thompson, G. K.	Coin controlled apparatus, telephones	Nov. 19, 1895
542,295	Thomson, E.	Inductoriums, transformers, stationary	July 9, 1895
542,663	Thomson, E.	Galvanometers	July 16, 1895
554,321	Thomson, E.	do	Feb. 11, 1896
560,379	Thomson, E.	do	May 19, 1896
542,664	Thomson, E.	Annunciators, drop	July 16, 1895
543,950	Thomson, E.	Systems of distribution	Aug. 6, 1895
544,396	Thomson, E.	Railways, systems, conduit	Aug. 13, 1895
548,406	Thomson, E.	Magneto-electric, multipolars	Oct. 22, 1895
555,590	Thomson, E.	do	Mar. 3, 1896
550,733	Thomson, E.	Telegraphy, lightning arresters	Dec. 3, 1895
555,130	Thomson, E.	Indicators	Feb. 25, 1896
555,131	Thomson, E.	Metal welding, metal working	Feb. 25, 1896
555,191	Thomson, E.	Regulators, compound, winding	Feb. 25, 1896
562,937	Thomson, A. C.	Special applications, igniting devices, manual	June 30, 1896
542,662	Thomson and Harthan	Lights, arc, gravity feed gear clutch	July 16, 1895
551,799	Thomson and Harthan	Lights, arc, special features	Dec. 24, 1895
543,198	Thomson and Rice	Cut-outs, thermal	July 23, 1895
545,111	Thomson and Rice	Transmission of power, alternating	Aug. 27, 1895
550,464	Thomson and Wightman	Magneto-electric, hipolar	Nov. 26, 1895
558,120	Thomson and Goranson	Magneto-electric, commutators and collectors	Apr. 14, 1896
552,211	Thurnauer and Kohn	Batteries, galvanic	Dec. 31, 1895
556,945	Thury, R.	Motors, hand-operating devices	Mar. 24, 1896
548,729	Tiffany, G. S.	Telegraphy, automatic	Oct. 29, 1895
545,390	Timmis, I. A.	Batteries, secondary	Aug. 27, 1895
547,820	Timmis, I. A.	Railway signals, railway	Oct. 15, 1895
551,168	Tippey, Finrock, Rinehart and Francis	Railways, systems, overhead, trolleys	Dec. 10, 1895
551,169	Tippey, Finrock, Rinehart and Francis	do	Dec. 10, 1895
546,261	Tisdale, C. D.	Telegraphy, circuit closers, thermal	Sept. 10, 1895
546,262	Tisdale, C. D.	Telegraphy, fire, automatic	Sept. 10, 1895
559,916	Tismer, P. G.	Cut-outs, mechanical, oscillating snap	May 12, 1896
548,730	Todd, J. T.	Batteries, galvanic	Oct. 29, 1895
550,205	Todd, J. T. A.	Annunciators, time	Nov. 19, 1895
547,304	Tolmie, G.	Railways, sectional conductors, mechanical closers	Oct. 1, 1895
557,037	Toquet, B. L.	Connectors	Mar. 24, 1896
562,261	Toquet, B. L.	Lighting systems, test	June 16, 1896
559,232	Tournier, J. C.	Lights, sockets and keys	Apr. 21, 1896
559,232	Tournier, J. C.	do	Apr. 28, 1896
546,965	Tower, Hunter and Eastwood	Telephones, multiple electrode	Sept. 24, 1895
545,393	Tresler, J. R.	Railways, systems, overhead trolleys	Aug. 27, 1895
555,192	Trippe, S. L.	Lighting, systems	Feb. 25, 1896
558,122	Trobach, K. O. E.	Lights, incandescent, special features	Apr. 14, 1896
561,144	Trudeau, J. A. G.	Motors, alternating, pivoted, field	June 2, 1896
543,223	Trudeau, J. A. G.	Motors, alternating	July 23, 1895
552,309	Tucker and Hinckley	Meters	Dec. 31, 1895
547,592	Turner, W. A.	Indicators	Oct. 8, 1895
557,174	Turner, E. A.	Connectors	Mar. 31, 1896
558,238	Tyler, H. L.	Railways, systems, converters	Apr. 14, 1896
558,239	Tyler, H. L.	Motors, alternating, starters	Apr. 14, 1896
544,015	Underhill and Glantyberg	Stoves and furnaces, dampers, electrical	Aug. 6, 1895
556,708	Uger, J. E.	Inductoriums, induction coils	Mar. 17, 1896
548,481	Uren, R.	Railways, systems, conduit	Oct. 22, 1895
561,838	Valley, G.	Motors, hand-operating devices	June 9, 1896
561,839	Valley, G.	do	June 9, 1896
542,697	Vanderpool, A. A.	Telegraphy, circuit closers, burglar	July 16, 1895
544,802	Vansize, W. B.	Railways, signals, sectional rail	Aug. 20, 1895
542,505	Van Tnyl, A. P.	Medical and surgical, electrodes	July 9, 1895
560,766	Van Vleck, J.	Cut-outs, electro-magnetic	May 26, 1896
556,788	Verstraete, E.	Magneto-electric, connecting devices	Mar. 24, 1896
557,920	Vetter, A. F.	Batteries, secondary	Apr. 7, 1896
551,014	Vincent, J. A.	Heaters, electric	Dec. 10, 1895
549,409	Vogeluis, C. F.	Lights arc, special features	Nov. 5, 1895
542,979	Von Siemens, G.	Lighting systems, automatic regulation	July 16, 1895
544,937	Von Sternberg, F. C.	Telegraphy, railway car	Aug. 20, 1895
545,664	Von Zweigbergh, T.	Locks and latches, locks, electric	Sept. 3, 1895
546,834	Votey, E. S.	Music, electric actions	Sept. 24, 1895
547,568	Votey and Fleming	do	Oct. 8, 1895
562,208	Waegel, W.	Lights, incandescent, special features	June 16, 1896

No.	NAME.	CLASS.	DATE.
552,680	Wagner and Schwedt	Cut-outs, thermal	Jan. 7, 1896
544,329	Wait, H. H.	Magneto-electric	Aug. 13, 1895
552,734	Wales and Spencer	Telephones, systems, multiple switchboard, divided central	Jan. 7, 1896
552,735	Wales, T. C.	do	Jan. 7, 1896
548,331	Walker, O. S.	Railway brakes, magnetic shoes	Oct. 22, 1895
547,827	Wall, G. A.	Telegraphy, fire alarms and extinguishers	Oct. 15, 1895
545,141	Walsh, T.	Telegraphy, fire	Aug. 27, 1895
556,946	Ward, A. F.	Lighting systems	Mar. 24, 1896
553,022	Warfield, L.	Electric locomotives	Jan. 14, 1896
544,332	Warner, E. P.	Galvanometer	Aug. 13, 1895
544,633	Warner, E. P.	Regulators, brush adjustment	Aug. 13, 1895
555,136	Warner, E. P.	Motors, hand-operating devices	Feb. 25, 1896
562,868	Warren and Warren	Magneto-electric, multipolar	June 30, 1896
550,008	Washburn, G. A.	Railways, electric locomotives	Nov. 19, 1895
558,539	Waterhouse, A. G.	Magneto-electric, armature, ring	Apr. 21, 1896
561,183	Waterhouse, A. G.	Meters	June 2, 1896
562,680	Waterhouse, A. G.	do	June 23, 1896
549,038	Watters, L. H.	Horology, time alarms	Oct. 29, 1895
544,634	Wehh, F. A.	Special application, igniting devices, manual	Aug. 13, 1895
555,984	Webb, H. L.	Telephones, calls, step by step	Mar. 10, 1896
546,689	Weber, Goellner and Schweitzer	Lights, arc, gravity feed, gear-clutch	Sept. 24, 1895
551,020	Wellman, S. T.	Electro magnets	Dec. 10, 1895
558,868	Wellman, H. P.	Railways, systems, overhead trolleys	Apr. 21, 1896
558,869	Wellman, H. P.	do	Apr. 21, 1896
558,870	Wellman, H. P.	do	Apr. 21, 1896
562,055	Wellman, H. P.	Connectors	June 16, 1896
555,544	Wells, G. A.	Magneto-electric, multipolar	Mar. 3, 1896
555,628	Wells, G. A.	Magneto-electric, armature, ring	Mar. 3, 1896
549,470	Werline, H. E.	Rheostats	Nov. 5, 1895
553,633	Weschke, E.	Telephones, systems, detail	Jan. 28, 1896
560,451	West, J. C.	Railway signals, cab, sectional rail	May 19, 1896
543,280	Westinghouse, G., jr.	Lights, sockets and keys	July 23, 1895
560,452	Westinghouse, G. jr.	Railways, sectional conductor, magnetic closers	May 19, 1896
550,465	Westinghouse, G.	Railways, systems, overhead	Nov. 26, 1895
550,467	Westinghouse, G.	Hydraulic motors, rotary	Nov. 26, 1895
550,468	Westinghouse, G.	Magneto-electric, armature ring	Nov. 26, 1895
556,602	Westinghouse, G.	Railways, systems, conduit	Mar. 17, 1896
542,699	Wetherbee, F. B.	Railway signals, sectional rail	July 16, 1895
545,833	Wheeler, E. S.	Connectors	Sept. 3, 1895
548,682	Wheless, M.	Lights, arc, gravity-feed, double-dog clutch	Oct. 29, 1895
548,683	Wheless, M.	do	Oct. 29, 1895
559,648	Wheless, M.	do	May 5, 1896
559,649	Wheless, M.	do	May 5, 1896
549,083	Wheless, M.	Lights, arc, gravity-feed, pivot-dog clutch	Oct. 29, 1895
548,684	Whichello, M.	Magneto-electric, multipolar	Oct. 29, 1895
548,492	White, W.	Special application, igniting devices, auto- matic	Oct. 22, 1895
549,663	White, G. H.	Magneto-electric, brushes and holders	Nov. 12, 1895
550,666	White, H. P.	Magneto-electric, multipolar	Dec. 3, 1895
550,703	White, H. P.	Magneto-electric	Dec. 3, 1895
554,557	Whitehead, H. B.	Lighting systems, safety	Feb. 11, 1896
555,796	Whitehead, C.	Electrolysis, synthesis	Mar. 3, 1896
544,335	Whitney, F. R.	Telephones, switches	Aug. 13, 1895
549,556	Whitney, C. E.	Telegraphy, automatic	Nov. 12, 1895
11,545	Whittingham, G. W.	(Reis.) Regulators, resistance	May 26, 1896
551,244	Wiemann, W. P.	Lights, arc, gravity-feed gear clutch	Dec. 10, 1895
545,328	Wiggin, W. H.	Electrolysis, aqueous bath	Aug. 27, 1895
551,021	Wiggin, W. H.	Connectors	Dec. 10, 1895
562,107	Wiggins, W. H.	do	June 16, 1896
546,724	Wightman, M. J.	Regulators, resistance	Sept. 24, 1895
546,966	Wightman, M. J.	Motors, transmission of power	Sept. 24, 1895
562,686	Wightman, M. J.	Motors, alternating, rotary, field	June 23, 1896
542,667	Wightman, M. J.	Motors, hand operating devices	July 16, 1895
549,621	Wightman and Urban	do	Nov. 12, 1895
551,567	Wightman and Urban	Motors	Dec. 17, 1895
544,711	Wilcox, E. C.	Telephones, switches	Aug. 20, 1895
551,427	Wilcox, W. W.	Stoves and furnaces, dampers, electrical	Dec. 17, 1895
551,880	Wilcox, T. B.	Medical and surgical	Dec. 24, 1895
544,552	Wiles, J. E.	do	Aug. 13, 1895
557,741	Wilhelm, W. L.	Telephones, granular	Apr. 7, 1896
546,442	Williams, F. H.	Motors, reciprocating	Sept. 17, 1895
552,803	Williams, G. B.	Alarms	Jan. 7, 1896
555,145	Williams, P. A.	Railways, systems, overhead	Feb. 25, 1896
552,218	Williams, D. S.	Batteries, galvanic	Dec. 31, 1895
552,219	Williams, D. S.	do	Dec. 31, 1895

No.	NAME.	CLASS.	DATE.
552,220	Williams, D. S	Batteries, galvanic	Dec. 31, 1895
554,043	Williams and Hamrick	do	Feb. 4, 1896
556,524	Williamson, Collins and Graham	Heaters, electric	Mar. 17, 1896
554,759	Willms, C	Batteries, galvanic	Feb. 18, 1896
554,760	Willms, C	do	Feb. 18, 1896
554,761	Willms, C	do	Feb. 18, 1896
555,992	Wirt, C	Meters	Mar. 10, 1896
542,512	Wilson, R. B	Railways, sectional conductors, magnetic closers	July 9, 1895
549,416	Wilson, F. W	Conductors	Nov. 5, 1895
556,038	Wilson, M. H	Electrolysis, aqueous bath, apparatus	Mar. 10, 1896
544,780	Winters, J. C	Motive power, elevators	Aug. 20, 1895
543,364	Wirt, H. C	Lighting systems, test	July 23, 1895
559,474	Wirt, H. C	Lights, sockets and keys	May 5, 1896
560,667	Wirt, H. C	do	May 26, 1896
11,503	Wood, C. F	(Reis.) Measuring instruments, balances	July 9, 1895
553,799	Wood, M. L	Railways, systems, conduit	Jan. 23, 1896
545,620	Wood, M. M	Insulators	Sept. 3, 1895
542,670	Wood and Miller	Railway signals, cab sectional rail	July 16, 1895
548,280	Wood and Miller	Steam valves, throttle, electric	Oct. 22, 1895
557,320	Wood and Miller	Railway signals, cab, sectional rail	Mar. 31, 1896
546,799	Woodbridge, J. E	Lighting systems, display	Sept. 24, 1895
549,179	Woodbridge, J. E	Telegraphy, printing, multiple wheel	Nov. 5, 1895
552,738	Woodbridge, J. E	Telegraphy, multiple wheel	Jan. 7, 1896
546,691	Woods, C. E	Railways, motor part, along the track	Sept. 24, 1895
552,166	Woodward, O. F	Telegraphy circuit closer, thermal	Dec. 31, 1895
558,750	Wright, E. H	Lighting, systems	Apr. 21, 1896
560,828	Wunderle, P	Connectors	May 26, 1896
550,360	Wurts, A. J	Cut-cuts, electro-magnetic	Nov. 26, 1895
550,210	Wyckoff, B	Railway signals, sectional rail	Nov. 19, 1895
560,455	Wyman and Daniels	Connectors	May 19, 1896
549,664	Yargen, H. T	Stoves and furnaces, heating systems, steam	Nov. 12, 1895
543,793	Young, J. V	Railway signals, sectional rail	July 30, 1895
550,670	Young, J. V	do	Dec. 3, 1895
546,501	Zanger, T	Measuring instruments, plumb levels	Sept. 17, 1895
556,797	Zuelke, C. L	Fences, gates, electric	Mar. 24, 1896



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